



Name

: ATIQUE KHAN(45Y/M)

Ref. By

: SELF

ADDRESS :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

Report Availability Summary

Full Report Available

Note : This is summary page. Please refer to the table below for the details

Test	Report Status
C-REACTIVE PROTEIN (CRP)	Available
CARDIAC RISK MARKERS	Available
CORTISOL	Available
ESTRADIOL/OESTROGEN (E2)	Available
FERRITIN	Available
FOLLICLE STIMULATING HORMONE (FSH)	Available
INSULIN - FASTING	Available
MAGNESIUM	Available
MASTER CHECKUP WITH CANCER AND ARTHRITIS SCREENIN	Available
25-OH VITAMIN D (TOTAL)	Available
COMPLETE URINE ANALYSIS	Available
ERYTHROCYTE SEDIMENTATION RATE (ESR)	Available
FASTING BLOOD SUGAR(GLUCOSE)	Available
HbA1c	Available
HEMOGRAM - 6 PART (DIFF)	Available
IRON	Available
KIDPRO	Available
LIPID PROFILE	Available
LIVER FUNCTION TESTS	Available





Name

: ATIQUE KHAN(45Y/M)

Ref. By

: SELF

ADDRESS :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

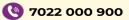
Report Availability Summary

Full Report Available

Note : This is summary page. Please refer to the table below for the details

Test		Report Status	
PERIPHERAL BLOOD SMEAF	R (PBS)	Available	
PROSTATE SPECIFIC ANTIG	EN (PSA)	Available	
RHEUMATOID FACTOR (RF)		Available	
TOTAL IRON BINDING CAPA	ACITY (TIBC)	Available	
TOTAL THYROXINE (T4)		Available	
TOTAL TRIIODOTHYRONING	E (T3)	Available	
TSH - ULTRASENSITIVE		Available	
UNSAT.IRON-BINDING CAP	ACITY(UIBC)	Available	
VITAMIN B-12		Available	
PROLACTIN (PRL)		Available	
SERUM ELECTROLYTES		Available	
TESTOSTERONE		Available	
VITAMIN B9/FOLIC ACID		Available	







: SELF

NAME REF. BY TEST ASKED : ATIQUE KHAN(45Y/M)

HOME COLLECTION :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

: CARDIAC RISK MARKERS, CORTISOL, CRP, ESTRADIOL, FERRITIN, FSH, INS ULIN (F), MASTER CHECKUP WITH CANCER AND

TEST NAME	OBSERVATION	UNITS	Bio. Ref. Interval.
Complete Urinogram			
Physical Examination			
VOLUME	3	mL	-
COLOUR	PALE YELLOW	-	Pale Yellow
APPEARANCE	CLEAR	-	Clear
SPECIFIC GRAVITY	> 1.030	-	1.003-1.030
PH	6	-	5-8
Chemical Examination			
URINARY PROTEIN	ABSENT	mg/dL	Absent
URINARY GLUCOSE	ABSENT	mg/dL	Absent
URINE KETONE	ABSENT	mg/dL	Absent
URINARY BILIRUBIN	ABSENT	mg/dL	Absent
UROBILINOGEN	Normal	mg/dL	<=0.2
BILE SALT	ABSENT	-	Absent
BILE PIGMENT	ABSENT	-	Absent
URINE BLOOD	ABSENT	-	Absent
NITRITE	ABSENT	-	Absent
LEUCOCYTE ESTERASE	ABSENT	-	Absent
Microscopic Examination			
MUCUS	ABSENT	-	Absent
RED BLOOD CELLS	ABSENT	cells/HPF	0-5
URINARY LEUCOCYTES (PUS CELLS)	ABSENT	cells/HPF	0-5
EPITHELIAL CELLS	ABSENT	cells/HPF	0-5
CASTS	ABSENT	-	Absent
CRYSTALS	ABSENT	-	Absent
BACTERIA	ABSENT	-	Absent
YEAST	ABSENT	-	Absent
PARASITE	ABSENT	-	Absent

Method: Automated Urine dipstick, image analysis and manual microscopy

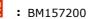
Sample Collected on (SCT) Sample Received on (SRT) : 10 Feb 2024 08:45 : 10 Feb 2024 17:29

Report Released on (RRT)

: 10 Feb 2024 21:25

: URINE

: 1002095059/DG007



Note:- Underlined values are Critical Values, Clinician's attention required.



Sample Type

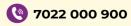
Labcode

Barcode

Registered Address: DOCON TECHNOLOGIES PRIVATE LIMITED, Office No 208, 209 & 210 Second floor, A wing, 'Dattani Plaza', Near East West Industrial Estate, Safed Pool, Saki Naka, Andheri (East), Mumbai - 400072

Dr Sachin Patil MD(Path)

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NAME	: ATIQUE KHAN(45Y/M)	HOME CO	LECTION :		
REF. BY	: SELF		REMIER RESIDENCY KOHI		
TEST ASKED	: CARDIAC RISK MARKERS,CORTISOL,CRP,ESTRADIOL,FERF SULIN (F),MASTER CHECKUP WITH CANCE	KURLA MU RITIN,FSH,IN	KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI		
TEST NAME		TECHNOLOGY	VALUE	UNITS	
FASTING BLOO	D SUGAR(GLUCOSE)	PHOTOMETRY	88.74	mg/dL	

As per ADA Guideline: Fasting Plasma Glucose (FPG)		
Normal 70 to 100 mg/dl		
Prediabetes 100 mg/dl to 125 mg/dl		
Diabetes	126 mg/dl or higher	

Note :

The assay could be affected mildly and may result in anomalous values if serum samples have heterophilic antibodies, hemolyzed, icteric or lipemic. The concentration of Glucose in a given specimen may vary due to differences in assay methods, calibration and reagent specificity. For diagnostic purposes results should always be assessed in conjunction with patients medical history, clinical findings and other findings.

Please correlate with clinical conditions.

Method:- GOD-PAP METHOD

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode Barcode

: 10 Feb 2024 13:53 : 10 Feb 2024 16:17 : FLUORIDE : 1002078161/DG007

: 10 Feb 2024 08:45

: BS266652

Note:- Underlined values are Critical Values, Clinician's attention required.

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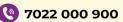


Dr Shruti MD (Path)

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Dr Sumanta Basak, DPB

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NAME REF. BY TEST ASKED	 ATIQUE KHAN(45Y/M) SELF CARDIAC RISK MARKERS,CORTISOL,CRP,ESTR 	ADIOL,FERRITI	H - KUF KUF	ME COLLECTION : 1007 PREMIER RESIDENC RLA WEST NEXT TO KOHIN RLA MUMBAI		
TEST NAME		TECHNOI	LOGY	VALUE	UNITS	
HbA1c - (HPLC	:)					
		H.P.L.C		5.3	%	
Bio. Ref. Inte	erval. :					
Bio. Ref. Inte	erval.: As per ADA Guidelines		Guidance Fo	or Known Diabetics		
Below 5.7% 5.7% - 6.4% >=6.5%	: Prediabetic		6.5% - 7% 7.0% - 8%	: Good Control : Fair Control : Unsatisfactory Contro : Poor Control	I	
Method : Fully	Automated H.P.L.C method					_
	OD GLUCOSE (ABG)	CALCULA	TED	105	mg/dL	
121 - 150 mg	dl : Good Control g/dl : Fair Control g/dl : Unsatisfactory Control					
Method : Deriv	ed from HBA1c values					
Please correlat	te with clinical conditions.					

se correlate with clinical conditions.

Sample Collected on (SCT)	: 10 Feb 2024 08:45
Sample Received on (SRT)	: 10 Feb 2024 13:49
Report Released on (RRT)	: 10 Feb 2024 17:54
Sample Type	: EDTA
Labcode	: 1002041114/DG007
Barcode	: BS458042

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2024 08:45

Dr Shruti MD (Path)

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Dr Sumanta Basak, DPB

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Clinically Tested by : Thyrocare Technologies Ltd





NAME	: ATIQUE KHAN(45Y/M)	HOME COLLE	CTION :		
REF. BY	: SELF		MIER RESIDENCY KOHI		
TEST ASKED	: CARDIAC RISK MARKERS,CORTISOL,CRP,ESTRADIO SULIN (F),MASTER CHECKUP WITH (KURLA MUMBA	NEXT TO KOHINOOR EI AI		
TEST NAME		TECHNOLOGY	VALUE	UNITS	
ERYTHROCYTE	SEDIMENTATION RATE (ESR)	WESTERGREN	8	mm / hr	
Bio. Ref. Inte	rval. :-				
Male : 0-15					

Female : 0-15

Please correlate with clinical conditions. Method:- WESTERGREN

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode Barcode : 10 Feb 2024 08:45
: 10 Feb 2024 13:49
: 10 Feb 2024 17:54
: EDTA
: 1002041114/DG007
: BS458042

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Dr Sumanta Basak, DPB

Page : 4 of 28

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Clinically Tested by : Thyrocare Technologies Ltd - (NABL accredited)

Lab Address: 103, Kanakia - B. Zillion bld, LBS Marg, Kurla (W), Mumbai - 400070



NAME:ATIQUE KHAN(45Y/M)REF. BY:SELFTEST ASKED:CARDIAC RISK

HOME COLLECTION :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

TEST NAME	VALUE	UNITS	Bio. Ref. Interval.
TOTAL LEUCOCYTES COUNT (WBC)	8.35	Χ 10 ³ / μL	4.0 - 10.0
NEUTROPHILS	63.1	%	40-80
LYMPHOCYTE	25.4	%	20-40
MONOCYTES	2.4	%	2-10
EOSINOPHILS	<u>8.3</u>	%	1-6
BASOPHILS	0.5	%	0-2
IMMATURE GRANULOCYTE PERCENTAGE(IG%)	0.3	%	0-0.5
NEUTROPHILS - ABSOLUTE COUNT	5.27	X 10 ³ / μL	2.0-7.0
LYMPHOCYTES - ABSOLUTE COUNT	2.12	Χ 10 ³ / μL	1.0-3.0
MONOCYTES - ABSOLUTE COUNT	0.2	X 10 ³ / μL	0.2 - 1.0
BASOPHILS - ABSOLUTE COUNT	0.04	Χ 10 ³ / μL	0.02 - 0.1
EOSINOPHILS - ABSOLUTE COUNT	0.69	Χ 10 ³ / μL	0.02 - 0.5
IMMATURE GRANULOCYTES(IG)	0.03	X 10³ / μL	0-0.3
TOTAL RBC	5.3	X 10^6/µL	4.5-5.5
NUCLEATED RED BLOOD CELLS	0.01	Χ 10 ³ / μL	0.0-0.5
NUCLEATED RED BLOOD CELLS %	0.01	%	0.0-5.0
HEMOGLOBIN	15.3	g/dL	13.0-17.0
HEMATOCRIT(PCV)	48.1	%	40.0-50.0
MEAN CORPUSCULAR VOLUME(MCV)	90.8	fL	83.0-101.0
MEAN CORPUSCULAR HEMOGLOBIN(MCH)	28.9	pq	27.0-32.0
MEAN CORP.HEMO.CONC(MCHC)	31.8	g/dL	31.5-34.5
RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)	43.5	fL	39-46
RED CELL DISTRIBUTION WIDTH (RDW-CV)	13.1	%	11.6-14
PLATELET DISTRIBUTION WIDTH(PDW)	11.5	fL	9.6-15.2
MEAN PLATELET VOLUME(MPV)	9.7	fL	6.5-12
PLATELET COUNT	268	X 10³ / μL	150-410
PLATELET TO LARGE CELL RATIO(PLCR)	22.8	%	19.7-42.4
PLATELETCRIT(PCT)	0.26	%	0.19-0.39

Remarks: Alert!!! Predominantly normocytic normochromic with ovalocytes. Platelets: Appear adequate in smear.

MARKERS, CORTISOL, CRP, ESTRADIOL, FERRITIN, FSH, INS

Please Correlate with clinical conditions.

Method : Fully automated bidirectional analyser (6 Part Differential SYSMEX XN-1000)

(This device performs hematology analyses according to the Hydrodynamic Focussing (DC method), Flow

Cytometry Method (using a semiconductor laser), and SLS- hemoglobin method)

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

```
: 10 Feb 2024 08:45
: 10 Feb 2024 13:49
: 10 Feb 2024 17:54
: EDTA
: 1002041114/DG007
: BS458042
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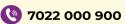
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NAME REF. BY TEST ASKED	 ATIQUE KHAN(45Y/M) SELF CARDIAC RISK MARKERS,CORTISOL,CRP,ESTRADIOL,FERRITIN,FS H,INSULIN (F),MASTER CHECKUP WITH CANCER 	HOME COLLECTION : H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI
TEST NAME		METHOD
PERIPHERAL BLC	DOD SMEAR (PBS)	MICROSCOPY
RBCs : Predomin	antly normocytic normochromic with ovalocytes.	
WBCs : Total cou	nt normal with normal morphology on smear.	
PLATELET : App	ear adequate on smear with normal morphology.	
CLINICAL REM	ARKS : Clinical correlation.	
TECHNOLOGY	: MICROSCOPY	
Please correlat	te with clinical conditions	

Sample Collected on (SCT)	:
Sample Received on (SRT)	:
Report Released on (RRT)	:
Sample Type	:
Labcode	:
Barcode	:

:	10 Feb 2024 08:45
:	10 Feb 2024 13:49
:	10 Feb 2024 17:54
:	EDTA
:	1002041114/DG007

BS458042

Note:- Underlined values are Critical Values, Clinician's attention required.



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Lab Address: 103, Kanakia - B. Zillion bld, LBS Marg, Kurla (W), Mumbai - 400070





NAME REF. BY TEST ASKED	 ATIQUE KHAN(45Y/M) SELF SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VI G,PRL,MASTER CHECKUP WITH CANC 	KURLA WEST KURLA MUMB/ ITB9,FSH,INSFA,M	MIER RESIDENCY KOHI NEXT TO KOHINOOR E	
TEST NAME		TECHNOLOGY	VALUE	UNITS
VITAMIN B9/FC	OLIC ACID	LC-MS/MS	0.37	ng/mL
Bio. Ref. Interval. :-				

0.2 - 20

Please correlate with clinical conditions. Method:- LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode Barcode

11 Feb 2024 02:38
SERUM
1002001035/DG007

: 10 Feb 2024 08:45

: 10 Feb 2024 17:35

: CA103343

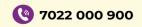
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Clinically Tested by : Thyrocare Technologies Ltd





NAME	: ATIQUE KHAN(45Y/M)	HOME CO
REF. BY	: SELF	H - 1007 P
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,INSFA,M G,PRL,MASTER CHECKUP WITH CANCER AND	KURLA WE KURLA MU

HOME COLLECTION :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

TEST NAME	TECHNOLOGY	VALUE	UNITS
CORTISOL	E.C.L.I.A	6.71	µg/dL

Bio. Ref. Interval. :-

06.00 - 10.00 A.M.: 6.02 - 18.4 µg/dL 04.00 - 08.00 P.M.: 2.68 - 10.5 µg/dL

Clinical Significance:

Cortisol is the Primary Glucocorticoid Hormone synthesized and secreted by the Adrenal Cortex. Addison's Disease is caused by primary adrenal insufficiency of the Adrenal Cortex, While Secondary Adrenal insufficiency is caused by pituitary destruction or failure, resulting in loss of ACTH stimulation. Cushing's syndrome is caused by increased levels of Cortsol due to either primary (Adrenal Tumors and Nodular Adrenal Hyperplasia) or secondary Adrenal Hyperfunction (Pituitary Overproduction of ACTH or Ectopic production of ACTH by a Tumor). For diagnostic purpose, results should always be assessed in conjunction with the patients medical history, Clinical examination and other findings.

Specifications:

Precision: Intra Assay (%CV): 1.40 %, Inter Assay (%CV): 1.9 %; Sensitivity: 0.05 µg/dl

Kit Validation References :

Turpeinen U, hamalainen E.Deternination of cortisol in serum, saliva and urine.Best practise & research Cliical Endocrinology & metabolisum 2013.27(6);795-801

Please correlate with clinical conditions.

Method:- FULLY AUTOMATED ELECTROCHEMILUMINESCENCE IMMUNOASSAY

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

: 10 Feb 2024 08:45 : 10 Feb 2024 17:35 : 11 Feb 2024 02:38 : SERUM : 1002001035/DG007 : CA103343

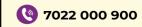
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NAME : A	TIQUE KHAN(45Y/M)		HOME COLLECTION :		
REF. BY : S	ELF		H - 1007 PREMIER RESID		
	ERUM		KURLA WEST NEXT TO KO KURLA MUMBAI	DHINOOR ELITE HOTEL	
	LECTROLYTES,CORT,CRP,E2,FER	R,VITB9,FSH,INSFA,MG			
TEST NAME		TECHNOLOGY	VALUE	UNITS	
25-OH VITAMIN D	(TOTAL)	E.C.L.I.A	<u>9.08</u>	ng/mL	
Bio. Ref. Interval. :					
	ml Insufficiency : 21-29 ng/m g/ml Toxicity : >100 ng/ml	l			
both are critical for bu Decrease in vitamin D	ble vitamin that has been known ilding bone health. total levels indicate inadequate total levels indicate Vitamin D in	exposure of sunlight, die		. ,	
Kit Validation Reference and cellular health Cur	on: Intra assay (%CV):9.20%, Ir e : Holick M. Vtamin D the unde r Opin Endocrinol Diabetes 2002 ated Electrochemiluminescence Com	rappreciated D-Lightful I 2:9(1)87-98.		for Skeletal	
VITAMIN B-12		E.C.L.I.A	297	pg/mL	
Bio. Ref. Interval. :					
Normal: 197-771 pg/n	nl				
meat, eggs and milk. I formation of myelin sh associated with macro	obalamin, is a complex corrinoid it is critical in normal DNA synth- eath. Vitamin-B12 is used to fir cytic anemias. For diagnostic pu y, clinical examination and othe	esis, which in turn affect nd out neurological abnor rpose, results should alw	s erythrocyte maturation a malities and impaired DNA	nd in the synthesis	
Specifications: Intra as	ssay (%CV):2.6%, Inter assay (%CV):2.3 %			
Kit Validation Reference Edition,TH Books-Verl-	e : Thomas L.Clinical laborator [Ges,1998:424-431	Diagnostics : Use and As	sessment of Clinical labora	tory Results 1st	
Method : Fully Automa	ated Electrochemiluminescence Com	nititive Immunoassav			

Method : Fully Automated Electrochemiluminescence Compititive Immunoassay

Please correlate with clinical conditions.

Sample Collected on (SCT)	: 10 Feb 2024 08:45
Sample Received on (SRT)	: 10 Feb 2024 17:35
Report Released on (RRT)	: 11 Feb 2024 02:38
Sample Type	: SERUM
Labcode	: 1002001035/DG007
Barcode	: CA103343

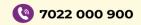
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NAME	: ATIQUE KHAN(45Y/M)	HOME COLLECT	HOME COLLECTION :		
REF. BY : SELF TEST ASKED : SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,IN G,PRL,MASTER CHECKUP WITH CANCER AND			H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL		
		KURLA MUMBAI 9,FSH,INSFA,M	(T TO KOHINOOR E		
TEST NAME		TECHNOLOGY	VALUE	UNITS	
RHEUMATOID F	ACTOR (RF)	IMMUNOTURBIDIMETRY	< 10	IU/mL	

ADULT : <= 18

Clinical Significance:

Rheumatoid factor is an anti IgG autoimmune antibody. There are high concentration of rheumatoid factor in the serum of some disease, especially rheumatoid arthritis patients. It helps to diagnose rheumatism ,systematic lupus erythematosus, chronic hepatitis etc.

Specifications:

Precision %CV :- Intra assay %CV- 1.38% , Inter assay %CV-2.88%, Sensitivity :- 40 IU/mL.

Kit Validation Reference: Anderson, S.G., Bentzon, M.W., Houba, V. and Krag, P. Bull. Wld. Hlth. Org. 42: 311-318 (1970).

Please correlate with clinical conditions.

Method:- LATEX ENHANCED IMMUNOTURBIDIMETRY

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

11 Feb 2024 02:38
SERUM
1002001035/DG007
CA103343

: 10 Feb 2024 08:45 : 10 Feb 2024 17:35

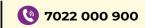
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TEST NAME	TECHNOL	DGY
	G,PRL,MASTER CHECKUP WITH CANCER AND	
IESI ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,INSFA,M	KURLA MUMBAI
TEST ASKED		KURLA WEST N
REF. BY	: SELF	H - 1007 PREMI
NAME	: ATIQUE KHAN(45Y/M)	HOME COLLEC

CTION :

IER RESIDENCY KOHINOOR CITY NEXT TO KOHINOOR ELITE HOTEL T

TEST NAME	TECHNOLOGY	VALUE	UNITS
ESTRADIOL/OESTROGEN (E2)	C.M.I.A	28	pg/mL

Bio. Ref. Interval. :-

Males : 11 - 44 pg/mL

Normal Menstruating Females ; Follicular Phase : 21 - 251 pg/mL Mid-Cycle Phase : 38 - 649 pg/mL Luteal Phase : 21 - 312 pg/mL

Postmenopausal Females not on HRT: < 10 - 28 pg/mL Female on HRT : < 10 - 144 pg/mL

Clinical Significance: During the early follicular phase, The Estradiol level is relatively constant and low. By day seven, The dominant follicle is established and the Estradiol level rises significantly. The elevated Estradiol level suppresses the FSH level by negative feedback on the Hypothalamus and Pituitary gland and triggers a rapid rise of LH. Elevated Estradiol levels in females may also result from primary or secondary ovarian hyperfunction. Very high Estradiol levels are found during the induction of ovulation for assisted reproduction therapy or in pregnancy. Decreased Estradiol levels in females may result from either the lack of ovarian synthesis or a lesion in the Hypothalamus-Pituitary Axis.

Specification: Precision: Intra assay (%CV): 6.4, Inter assay (%CV):7.4, Sensitivity: <=10 pg/mL.

Kit Validation References: Muse K, Wilson EA. Monitoring ovulation induction: use of biochemical and biophysical parameters. Sem Reproduct Endocrinol 1986;4(3):301-9

Please correlate with clinical conditions.

Method:- FULLY AUTOMATED CHEMILUMINESCENT MICROPARTICLE IMMUNOASSAY

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode Barcode

: 10 Feb 2024 08:45 : 10 Feb 2024 17:35 : 11 Feb 2024 02:38 : SERUM : 1002001035/DG007 : CA103343

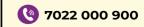
Note:- Underlined values are Critical Values, Clinician's attention required.



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NAME	: ATIQUE KHAN(45Y/M)	HOME C	OLLECTION :		
REF. BY	: SELF	H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL			
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,I	P,E2,FERR,VITB9,FSH,INSFA,MG,			
TEST NAME		TECHNOLOGY	VALUE	UNITS	
APOLIPOPROT	EIN - A1 (APO-A1)	IMMUNOTURBIDIMETRY	117	mg/dL	
Bio. Ref. Inter	val. :				
Male : 86 Female : 94		IMETRY – BECKMAN COULTER			
	EIN - B (APO-B)	IMMUNOTURBIDIMETRY	112	mg/dL	
Bio. Ref. Inter	val. :				
Male : 56 Female : 53	- 138				
Method : FULL	Y AUTOMATED RATE IMMUNOTURBID	IMETRY – BECKMAN COULTER			
APO B / APO A	A1 RATIO (APO B/A1)	CALCULATED	1	Ratio	
Bio. Ref. Inter	val. :				
Male : Female	0.40 - 1.26 : 0.38 - 1.14				

Method : DERIVED FROM SERUM APO A1 AND APO B VALUES

Please correlate with clinical conditions.

Sample Collected on (SCT)	: 10 Feb 2024 08:45
Sample Received on (SRT)	: 10 Feb 2024 17:35
Report Released on (RRT)	: 11 Feb 2024 02:38
Sample Type	: SERUM
Labcode	: 1002001035/DG007
Barcode	: CA103343

Note:- Underlined values are Critical Values, Clinician's attention required.



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NAME	: ATIQUE KHAN(45Y/M)	HOME COLLECT	(ON :		
REF. BY	: SELF		R RESIDENCY KOHI		
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VITE G,PRL,MASTER CHECKUP WITH CANCER	KURLA MUMBAI B9,FSH,INSFA,M	(T TO KOHINOOR E		
TEST NAME		TECHNOLOGY	VALUE	UNITS	
HIGH SENSITI	VITY C-REACTIVE PROTEIN (HS-CRP)	IMMUNOTURBIDIMETRY	2.8	mg/L	

< 1.00 - Low Risk 1.00 - 3.00 - Average Risk >3.00 - 10.00 - High Risk > 10.00 - Possibly due to Non-Cardiac Inflammation

Disclaimer: Persistent unexplained elevation of HSCRP >10 should be evaluated for non-cardiovascular etiologies such as infection , active arthritis or concurrent illness.

Clinical significance:

High sensitivity C- reactive Protein (HSCRP) can be used as an independent risk marker for the identification of Individuals at risk for future cardiovascular Disease. A coronary artery disease risk assessment should be based on the average of two hs-CRP tests, ideally taken two weeks apart.

Kit Validation Reference:

1. Clinical management of laboratory date in medical practice 2003-3004, 207(2003).

2.Tietz : Textbook of Clinical Chemistry and Molecular diagnostics :Second edition :Chapter 47:Page no.1507- 1508.

Please correlate with clinical conditions.

Method:- FULLY AUTOMATED LATEX AGGLUTINATION – BECKMAN COULTER

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode Barcode : 10 Feb 2024 08:45 : 10 Feb 2024 17:35 : 11 Feb 2024 02:38 : SERUM : 1002001035/DG007 : CA103343

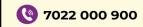
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NAME	: ATIQUE KHAN(45Y/M)	HOME COLLECTI	ON:	
REF. BY	: SELF		RESIDENCY KOHI	
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VITB G,PRL,MASTER CHECKUP WITH CANCER	KURLA MUMBAI 9,FSH,INSFA,M	T TO KOHINOOR E	
TEST NAME		TECHNOLOGY	VALUE	UNITS
C-REACTIVE PR	OTEIN (CRP)	IMMUNOTURBIDIMETRY	2.87	mg/L

Acute phase determination : < 5 mg/L

Clinical Significance:

It's a protein present in the sera of acutely ill patients that bound cell wall C-polysaccharide of streptococcus pneumoniae and agglutinates the organisms. CRP is one of the strongest acute -phase reactants, with plasma concentrations rising up after myocardial infarction, stress, trauma, infection, inflammation, surgery, or neoplastic proliferation. Concentrations > 5 to 10 mg/L suggest the presence of an infection or inflammatory process. Concentrations are generally higher in bacterial than viral infection. The increase in peak is proportional to tissue damage. Determination of CRP is clinically useful to screen activity of inflammatory diseases such as rheumatoid arthritis; SLE;Leukemia;after surgery;to detect rejection in renal allograft recipients; to detect neonatal septicemia and meningitis. However, it is a nonspecific marker and cannot be interpreted without other clinical information.

Specification:

Precision %CV :- 5.0 %CV, Sensitivity :- 0.02-0.20 per 10g/l of CRP

Kit Validation Reference:

Tietz Textbook of clinical chemistry and molecular diagnosis fifth edition chapter 21 P538-539

Please correlate with clinical conditions.

Method:- FULLY AUTOMATED LATEX AGGLUTINATION - BECKMAN COULTER

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

: 10 Feb 2024 08:45
: 10 Feb 2024 17:35
: 11 Feb 2024 02:38
: SERUM
: 1002001035/DG007
: CA103343

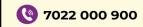
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: SERUM

TEST ASKED

NAME: ATIQUE KHAN(45Y/M)REF. BY: SELF

HOME COLLECTION :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,INSFA,MG,

	TECHNOLOGY	VALUE	UNITS	
IRON	PHOTOMETRY	100	µg/dL	
Bio. Ref. Interval. :				
Male : 65 - 175 Female : 50 - 170				
Method : Ferrozine method without deproteinization				
TOTAL IRON BINDING CAPACITY (TIBC)	PHOTOMETRY	250	µg/dL	
Bio. Ref. Interval. :				
Male: 225 - 535 µg/dl Female: 215 - 535 µg/dl				
Method : Spectrophotometric Assay				
% TRANSFERRIN SATURATION	CALCULATED	40	%	
Bio. Ref. Interval. :				
13 - 45				
Method : Derived from IRON and TIBC values				
FERRITIN	E.C.L.I.A	233	ng/mL	
Bio. Ref. Interval. :				
30 - 400				
Method : Fully Automated Electrochemiluminescence San	dwich Immunoassay			
UNSAT.IRON-BINDING CAPACITY(UIBC)	PHOTOMETRY	<u>149.6</u>	µg/dL	
Bio. Ref. Interval. :				
162 - 368				
Method : SPECTROPHOTOMETRIC ASSAY				

Sample Collected on (SCT)	: 10 Feb 2024 08:45
Sample Received on (SRT)	: 10 Feb 2024 17:35
Report Released on (RRT)	: 11 Feb 2024 02:38
Sample Type	: SERUM
Labcode	: 1002001035/DG007
Barcode	: CA103343

Note:- Underlined values are Critical Values, Clinician's attention required.



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Clinically Tested by :Thyrocare Technologies Ltd





TEGT NAME	TEOLINOI	
	G,PRL,MASTER CHECKUP WITH CANCER AND	
	ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,INSFA,M	
TEST ASKED	: SERUM	KURLA MUMBAI
REF. BY	: SELF	H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL
NAME	: ATIQUE KHAN(45Y/M)	HOME COLLECTION :

TEST NAME	TECHNOLOGY	VALUE	UNITS
INSULIN - FASTING	C.L.I.A	8.31	µU/mL

Bio. Ref. Interval. :-

1.9-23 µU/mL

Clinical Significance

Type I (Insulin dependent: "Juvenile") diabetes is due to a destruction of the beta cells, with a consequence of absolute lack of insulin. In type II (Non insulin-dependent: "Maturity onset") diabetes, insulin resistance may play an important role; However after several years of evolution, beta-cells failure may occur, leading to a relative insulinopenia requiring, in some cases, insulin administration. Insulin resistance is associated with high circulation levels of the hormone.

For diagnostic purpose, results should always be assessed in conjunction with the patient's medical history, clinical examination and other findings.

Specifications:

Precision: Intra Assay (%CV): 4.20 %, Inter Assay (%CV): 5.60%; Sensitivity: 0.03 µU/mL

External quality control program participation:

College Of American Pathologists: Insulin Survey (Ing): Cap Number: 7193855-01

Kit validation references:

Howanitz PJ, Howanitz JH, Henry JB. Carbohydrates.Clinical Diagnosis and Management by Laboratory Methods 1991 ;172-182.edited by Henry JB, Philadelphia, W.B Saunders Company.

Please correlate with clinical conditions.

Method:- One step Immunoenzymatic (Sandwich) assay.

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

: 10 Feb 2024 08:45
: 10 Feb 2024 17:35
: 11 Feb 2024 02:38
: SERUM
: 1002001035/DG007
: CA103343

Note:- Underlined values are Critical Values, Clinician's attention required.

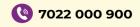


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Clinically Tested by : Thyrocare Technologies Ltd





NAME	: ATIQUE KHAN(45Y/M)	ном
REF. BY	: SELF	H - 1 KURL
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,INSFA,M G,PRL,MASTER CHECKUP WITH CANCER AND	KURL

HOME COLLECTION :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

TEST NAME	TECHNOLOGY	VALUE	UNITS
Lipoprotein (a) [Lp(a)]	IMMUNOTURBIDIMETRY	<u>34.8</u>	mg/dL

Bio. Ref. Interval. :-

Adults : < 30.0 mg/dl

Clinical Significance:

Determination of LPA may be useful to guide management of individuals with a family history of CHD or with existing disease. The levels of LPA in the blood depends on genetic factors; The range of variation in a population is relatively large and hence for diagnostic purpose, results should always be assessed in conjunction with the patient's medical history, clinical examination and other findings.

Specifications: Precision %CV - 1.55% , Inter assay %CV-0.86 %

Kit Validation Reference: Tietz NW,Clinical Guide to Laboratory Tests Philadelphia WB. Saunders 1995 : 442-444

Please correlate with clinical conditions. Method:- LATEX ENHANCED IMMUNOTURBIDIMETRY

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode Barcode

: 10 Feb 2024 08:45
: 10 Feb 2024 17:35
: 11 Feb 2024 02:38
: SERUM
: 1002001035/DG007
: CA103343

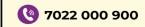
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NAME	: ATIQUE KHAN(45Y/M)	HOME COLLEC	TION :				
REF. BY	: SELF		H - 1007 PREMIER RESIDENCY KOHINOOR CITY				
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VIT G,PRL,MASTER CHECKUP WITH CANCE	KURLA MUMBA B9,FSH,INSFA,M	KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI				
TEST NAME		TECHNOLOGY	VALUE	UNITS			
TESTOSTERONE		E.C.L.I.A	460	ng/dL			

280 - 800

Clinical Significance: Clinical evaluation of serum testosterone, along with serum LH, assists in evaluation of Hypogonadal males. Major causes of lowered testosterone in males include Hypogonadotropic hypogonadism, testicular failure Hyperprolactinema, Hypopituitarism some types of liver and kidney diseases and critical illness.

Specifications: Precision: Intra assay (%CV): 11.50 %, Inter assay (%CV): 5.70%; Sensitivity: 7 ng/dL. Kit Validation Reference: Wilson JD Foster DW (Eds) Williams Textbook of Endocrinology 8th Edition WB Saunders Piladelphia Pennsylvania.

Note : The Biological Reference Range mentioned is specific to the age group and gender. Kindly correlate clinically.

Please correlate with clinical conditions.

Method:- Fully Automated Electrochemiluminescence Compititive Immunoassay

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

11 Feb 2024 02:38
SERUM
1002001035/DG007
CA102242

: 10 Feb 2024 08:45 : 10 Feb 2024 17:35

: CA103343

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NAME	: ATIQUE KHAN(45Y/M)	HOME COLL	HOME COLLECTION :				
REF. BY	: SELF		H - 1007 PREMIER RESIDENCY KOHINOOR CITY				
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FE G,PRL,MASTER CHECKUP WITH	KURLA MUME RR,VITB9,FSH,INSFA,M	KURLA WEST NEXT TO KOHINOOR ELI' KURLA MUMBAI				
TEST NAME		TECHNOLOGY	VALUE	UNITS			
PROSTATE SPE	CIFIC ANTIGEN (PSA)	C.L.I.A	0.93	ng/mL			
	-						

Normal : < 4.00 ng/ml Border line : 4.01 to 10.00 ng/ml

Clinical Significance:

Elevated levels of PSA are associated with prostate cancer, but may also be seen with prostatitis (Inflammation of the prostate) and benign prostatic hyperplasia (BPH). PSA test done along with free PSA provides additional information. Studies have suggested that the percentage of free PSA in total PSA is lower in patients with prostate cancer than those with benign prostate hyperplasia.

Specification:

Precision: Intra assay (%CV): 4.38%, Inter assay (%CV): 4.67%; Sensitivity: 0.01 ng/ml

Kit validation references:

Wang MC, Valenzuala LA, Murphy GP, and Chu TM. Purification of a human prostate-specific antigen. Invest. Urol. 1979; 17: 159

Please correlate with clinical conditions.

Method:- TWO SITE SANDWICH IMMUNOASSAY

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

: 10 Feb 2024 08:45 : 10 Feb 2024 17:35 : 11 Feb 2024 02:38 : SERUM : 1002001035/DG007 : CA103343

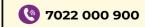
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 NAME
 : ATIQUE KHAN(45Y/M)

 REF. BY
 : SELF

 TEST ASKED
 : SERUM ELECTROLYTES,CORT,CRP,E2.

HOME COLLECTION :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

ELECTROLYTES, CORT, CRP, E2, FERR, VITB9, FSH, INSFA, MG,

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
TOTAL CHOLESTEROL	PHOTOMETRY	208	mg/dL	< 200
HDL CHOLESTEROL - DIRECT	PHOTOMETRY	43	mg/dL	40-60
HDL / LDL RATIO	CALCULATED	0.27	Ratio	> 0.40
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	<u>161</u>	mg/dL	< 100
TRIG / HDL RATIO	CALCULATED	2.07	Ratio	< 3.12
TRIGLYCERIDES	PHOTOMETRY	89	mg/dL	< 150
TC/ HDL CHOLESTEROL RATIO	CALCULATED	4.8	Ratio	3 - 5
LDL / HDL RATIO	CALCULATED	3.7	Ratio	1.5-3.5
NON-HDL CHOLESTEROL	CALCULATED	<u>164.8</u>	mg/dL	< 160
VLDL CHOLESTEROL	CALCULATED	17.82	mg/dL	5 - 40

Please correlate with clinical conditions.

Method :

CHOL - Cholesterol Oxidase, Esterase, Peroxidase HCHO - Direct Enzymatic Colorimetric HD/LD - Derived from HDL and LDL values. LDL - Direct Measure TRI/H - Derived from TRIG and HDL Values TRIG - Enzymatic, End Point TC/H - Derived from serum Cholesterol and Hdl values

LDL/ - Derived from serum HDL and LDL Values

NHDL - Derived from serum Cholesterol and HDL values

VLDL - Derived from serum Triglyceride values

***REFERENCE RANGES AS PER NCEP ATP III GUIDELINES:**

TOTAL CHOLESTEROL	(mg/dl)	HDL	(mg/dl)	LDL	(mg/dl)	TRIGLYCERIDES	(mg/dl)
DESIRABLE	<200	LOW	<40	OPTIMAL	<100	NORMAL	<150
BORDERLINE HIGH	200-239	HIGH	>60	NEAR OPTIMAL	100-129	BORDERLINE HIGH	150-199
HIGH	>240			BORDERLINE HIGH	130-159	HIGH	200-499
				HIGH	160-189	VERY HIGH	>500
				VERY HIGH	>190		

Alert !!! 10-12 hours fasting is mandatory for lipid parameters. If not, values might fluctuate.

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

10 Feb 2024 08:45
10 Feb 2024 17:35
11 Feb 2024 02:38
SERUM
1002001035/DG007
CA103343

Note:- Underlined values are Critical Values, Clinician's attention required.



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NAME REF. BY TEST ASKED	 ATIQUE KHAN(45Y/M) SELF SERUM ELECTROLYTES,CORT,CRP,E2,I 	H - KUF KUF	ME COLLECTION : 1007 PREMIER RESIDENC RLA WEST NEXT TO KOHI RLA MUMBAI			
TEST NAME		TECHNOLOGY	VALUE	UNITS		
FOLLICLE STI	MULATING HORMONE (FSH)	E.C.L.I.A	2.04	mIU/mL		
Bio. Ref. Inter	val. :					
Ovulation Phase Luteal phase : C Post Menopause	ular Phase : 0-12.5 mIU/ml e : 0-21.5 mIU/ml	andwich Immunoassay				
PROLACTIN	(PRL)	E.C.L.I.A	20.7	ng/mL		
Bio. Ref. Inter	val. :					
First Trimester 9 Second Trimester	egnant) : 4.79-23.3 ng/ml					
Method : Fully	Automated Electrochemiluminescence S	andwich Immunoassay				

Please correlate with clinical conditions.

Sample Collected on (SCT)	: 10 Feb 2024 08:45
Sample Received on (SRT)	: 10 Feb 2024 17:35
Report Released on (RRT)	: 11 Feb 2024 02:38
Sample Type	: SERUM
Labcode	: 1002001035/DG007
Barcode	: CA103343

Note:- Underlined values are Critical Values, Clinician's attention required.



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NAME: ATIQUE KHAN(45Y/M)REF. BY: SELFTEST ASKED: SERUM

HOME COLLECTION :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,INSFA,MG,

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
ALKALINE PHOSPHATASE	PHOTOMETRY	71	U/L	45-129
BILIRUBIN - TOTAL	PHOTOMETRY	0.58	mg/dL	0.3-1.2
BILIRUBIN -DIRECT	PHOTOMETRY	0.12	mg/dL	< 0.3
BILIRUBIN (INDIRECT)	CALCULATED	0.46	mg/dL	0-0.9
GAMMA GLUTAMYL TRANSFERASE (GGT)	PHOTOMETRY	32.8	U/L	< 55
SGOT / SGPT RATIO	CALCULATED	0.83	Ratio	< 2
ASPARTATE AMINOTRANSFERASE (SGOT)	PHOTOMETRY	18.1	U/L	< 35
ALANINE TRANSAMINASE (SGPT)	PHOTOMETRY	21.7	U/L	< 45
PROTEIN - TOTAL	PHOTOMETRY	6.56	gm/dL	5.7-8.2
ALBUMIN - SERUM	PHOTOMETRY	4.2	gm/dL	3.2-4.8
SERUM GLOBULIN	CALCULATED	2.36	gm/dL	2.5-3.4
SERUM ALB/GLOBULIN RATIO	CALCULATED	1.78	Ratio	0.9 - 2

Please correlate with clinical conditions.

Method :

ALKP - Modified IFCC method

BILT - Vanadate Oxidation

BILD - Vanadate Oxidation

BILI - Derived from serum Total and Direct Bilirubin values

GGT - Modified IFCC method

OT/PT - Derived from SGOT and SGPT values.

SGOT - IFCC* Without Pyridoxal Phosphate Activation

SGPT - IFCC* Without Pyridoxal Phosphate Activation

PROT - Biuret Method

SALB - Albumin Bcg¹method (Colorimetric Assay Endpoint)

SEGB - DERIVED FROM SERUM ALBUMIN AND PROTEIN VALUES

A/GR - Derived from serum Albumin and Protein values

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

10 Feb 2024 08:45
10 Feb 2024 17:35
11 Feb 2024 02:38
SERUM
1002001035/DG007
CA103343

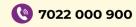
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NAME	: ATIQUE KHAN(45Y/M)	HOME
REF. BY	: SELF	H - 100
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,INSFA,M G,PRL,MASTER CHECKUP WITH CANCER AND	KURLA KURLA
	G, FRE, MASTER CHECKOF WITH CANCER AND	

HOME COLLECTION :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

TEST NAME	TECHNOLOGY	VALUE	UNITS
MAGNESIUM	PHOTOMETRY	2.36	mg/dL

Bio. Ref. Interval. :-

1.90 - 3.10 mg/dL

Clinical significance:

Magnesium is the fourth most abundant cation in the body and second most prevalent intracellular cation. The total body magnesium content is about 25 g or approximately 1 mol, of which 55% reside in the skeleton. About 45% of the magnesium is intracellular. In general higher the metabolic activity of cell, the greater is its magnesium content. Magnesium is a cofactor for more than 300 enzymes in the body.

Disorders of magnesium metabolism are separated into those causing hypomagnesaemia/magnesium deficiencies and hypermagnesemia. Hypomagnesaemia is common in patient in hospitals. Moderate to severe deficiency of magnesium is usually due to loss of magnesium from the gastrointestinal (gi) tract or kidneys. One of the more serious complications of magnesium deficiency is cardiac arrhythmia. Symptomatic hypermagnesemia is almost always caused by excessive intake, resulting from administration of antacids, enemas, and parenteral fluids containing magnesium. Depression of neuromuscular system is the most common manifestation of magnesium intoxication.

External quality control program participation:

College Of American Pathologists: Chemistry survey; CAP Number: 7193855-01

Please correlate with clinical conditions. Method:- MODIFIED XYLIDYL BLUE REACTION METHOD

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode Barcode : 10 Feb 2024 08:45 : 10 Feb 2024 17:35 : 11 Feb 2024 02:38 : SERUM : 1002001035/DG007 : CA103343

Note:- Underlined values are Critical Values, Clinician's attention required.

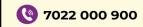


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	ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,INSFA,MG,	
	ELECTROLTES, CORT, CRP, EZ, FERR, VIT D9, FSD, INSFA, MG,	
	ELECTROLYTEC CORT CRR E2 FERR VITRO FOLLINGEA MC	
TEST ASKED	: SERUM	KURLA MUMBAI
REF. BY	: SELF	H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL
NAME	: ATIQUE KHAN(45Y/M)	HOME COLLECTION :

TEST NAME	TECHNOLOGY	VALUE	UNITS	
SODIUM	I.S.E	143.2	mmol/L	
Bio. Ref. Interval. :				
Adults: 136-145 mmol/l				
Method : ION SELECTIVE ELECTRODE				
POTASSIUM	I.S.E	4.43	mmol/L	
Bio. Ref. Interval. :				

ADULTS: 3.5-5.1 MMOL/L

Clinical Significance :

An abnormal increase in potassium (hyperkalemia)can profoundly affect the nervous system and increase the chance of irregular heartbeats (arrhythmias), which , when extreme , can be fatal. The assay could be affected mildly and may result in anomalous values if serum samples have heterophilic antibodies, hemolyzed, icteric or lipemic. The concentration of Potassium in a given specimen may vary due to differences in assay methods, calibration and reagent specificity.

Method : ION SELECTIVE ELECTRODE

CHLORIDE	I.S.E	106.3	mmol/L

Bio. Ref. Interval. :

ADULTS: 98-107 MMOL/L

Clinical Significance :

An increased level of blood chloride (called hyperchloremia) usually indicates dehydration, but can also occur with other problems that cause high blood sodium, such as Cushing syndrome or kidney disease. Hyperchloremia also occurs when too much base is lost from the body (producing metabolic acidosis) or when a person hyperventilates (causing respiratory alkalosis). A decreased level of blood chloride (called hypochloremia) occurs with any disorder that causes low blood sodium. Hypochloremia also occurs with congestive heart failure, prolonged vomiting or gastric suction, Addison disease, emphysema or other chronic lung diseases (causing respiratory acidosis), and with loss of acid from the body (called metabolic alkalosis).

Method : ION SELECTIVE ELECTRODE

Please correlate with clinical conditions.

Sample Received on (SRT) : 10 Feb 2024 17:35 Report Released on (RRT) : 11 Feb 2024 02:38 Sample Type : SERUM Labcode : 1002001035/DG007 Barcode : CA103343	Sample Collected on (SCT)	: 10 Feb 2024 08:45
Sample Type : SERUM Labcode : 1002001035/DG007	Sample Received on (SRT)	: 10 Feb 2024 17:35
Labcode : 1002001035/DG007	Report Released on (RRT)	: 11 Feb 2024 02:38
· · · · · · · · · · · · · · · · · · ·	Sample Type	: SERUM
Barcode : CA103343	Labcode	: 1002001035/DG007
	Barcode	: CA103343

Note:- Underlined values are Critical Values, Clinician's attention required.



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NAME : ATIQUE KHAN(45Y/M) REF. BY : SELF TEST ASKED : SERUM ELECTROLYTES.CORT.CRP.E2

HOME COLLECTION :

H - 1007 PREMIER RESIDENCY KOHINOOR CITY KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI

ELECTROLYTES, CORT, CRP, E2, FERR, VITB9, FSH, INSFA, MG,

TEST NAME	TECHNOLOGY	VALUE	UNITS	Bio. Ref. Interval.
UREA (CALCULATED)	CALCULATED	29.75	mg/dL	Adult : 17-43
BLOOD UREA NITROGEN (BUN)	PHOTOMETRY	13.9	mg/dL	7.94 - 20.07
UREA / SR.CREATININE RATIO	CALCULATED	37.18	Ratio	< 52
CREATININE - SERUM	PHOTOMETRY	0.8	mg/dL	0.72-1.18
BUN / SR.CREATININE RATIO	CALCULATED	17.38	Ratio	9:1-23:1
CALCIUM	PHOTOMETRY	9.01	mg/dL	8.8-10.6
URIC ACID	PHOTOMETRY	6.7	mg/dL	4.2 - 7.3

Please correlate with clinical conditions.

Method :

UREAC - Derived from BUN Value.

BUN - Kinetic UV Assay.

UR/CR - Derived from UREA and Sr.Creatinine values.

SCRE - Creatinine Enzymatic method

B/CR - Derived from serum Bun and Creatinine values

CALC - Arsenazo III Method, End Point.

URIC - Uricase / Peroxidase Method

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode Barcode 10 Feb 2024 08:45
10 Feb 2024 17:35
11 Feb 2024 02:38
SERUM
1002001035/DG007
CA103343

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TEST NAME	TECHNOLOGY VALUE UNITS Bio. Ref. 2	Interval.
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FERR,VITB9,FSH,INSFA,M G,PRL,MASTER CHECKUP WITH CANCER AND	
REF. BY	: SELF H - 1007 PREMIER RESIDENCY KOHINO WEST NEXT TO KOHINOOR ELITE HOT	
NAME	: ATIQUE KHAN(45Y/M) HOME COLLECTION :	

TOTAL TRIIODOTHYRONINE (T3)	C.M.I.A	98	ng/dL	58-159
TOTAL THYROXINE (T4)	C.M.I.A	7.16	µg/dL	4.87-11.72
TSH - ULTRASENSITIVE	C.M.I.A	1.64	µIU/mL	0.35-4.94

The Biological Reference Ranges is specific to the age group. Kindly correlate clinically.

Method :

T3 - Fully Automated Chemi Luminescent Microparticle Immunoassay

T4 - Fully Automated Chemi Luminescent Microparticle Immunoassay

USTSH - Fully Automated Chemi Luminescent Microparticle Immunoassay

Disclaimer :

Results should always be interpreted using the reference range provided by the laboratory that performed the test. Different laboratories do tests using different technologies, methods and using different reagents which may cause difference In reference ranges and hence it is recommended to interpret result with assay specific reference ranges provided in the reports. To diagnose and monitor therapy doses, it is recommended to get tested every time at the same Laboratory.

Sample Collected on (SCT)
Sample Received on (SRT)
Report Released on (RRT)
Sample Type
Labcode
Barcode

10 Feb 2024 08:45
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SERUM
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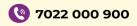


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Clinically Tested by : Thyrocare Technologies Ltd





NAME	: ATIQUE KHAN(45Y/M)	HOME COLLE	CTION :		
REF. BY	F. BY : SELF		H - 1007 PREMIER RESIDENCY KOHINOOR CITY		
TEST ASKED	: SERUM ELECTROLYTES,CORT,CRP,E2,FERR,V G,PRL,MASTER CHECKUP WITH CANC	/ITB9,FSH,INSFA,M	KURLA WEST NEXT TO KOHINOOR ELITE HOTEL KURLA MUMBAI 1		
TEST NAME		TECHNOLOGY	VALUE	UNITS	
EST. GLOMERULAR FILTRATION RATE (eGFR)		CALCULATED	108	mL/min/1.73 m2	
Bio. Ref. Inte	rval. :-				

> = 90 : Normal
60 - 89 : Mild Decrease
45 - 59 : Mild to Moderate Decrease
30 - 44 : Moderate to Severe Decrease
15 - 29 : Severe Decrease

Clinical Significance

The normal serum creatinine reference interval does not necessarily reflect a normal GFR for a patient. Because mild and moderate kidney injury is poorly inferred from serum creatinine alone. Thus, it is recommended for clinical laboratories to routinely estimate glomerular filtration rate (eGFR), a "gold standard" measurement for assessment of renal function, and report the value when serum creatinine is measured for patients 18 and older, when appropriate and feasible. It cannot be measured easily in clinical practice, instead, GFR is estimated from equations using serum creatinine, age, race and sex. This provides easy to interpret information for the doctor and patient on the degree of renal impairment since it approximately equates to the percentage of kidney function remaining. Application of CKD-EPI equation together with the other diagnostic tools in renal medicine will further improve the detection and management of patients with CKD.

Reference

Levey AS, Stevens LA, Schmid CH, Zhang YL, Castro AF, 3rd, Feldman HI, et al. A new equation to estimate glomerular filtration rate. Ann Intern Med. 2009;150(9):604-12.

Please correlate with clinical conditions.

Method:- CKD-EPI Creatinine Equation

~~ End of report ~~

Sample Collected on (SCT) Sample Received on (SRT) Report Released on (RRT) Sample Type Labcode



: SERUM : 1002001035/DG007 : CA103343

: 10 Feb 2024 08:45 : 10 Feb 2024 17:35

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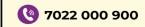
PharmEasy Labs

Barcode

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CONDITIONS OF REPORTING

- v The reported results are for information and interpretation of the referring doctor only.
- v It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- v Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- v Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- v Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- v This report is not valid for medico-legal purpose.
- Docon Technologies Private Limited, Thyrocare Technologies Limited and its employees/representatives do not assume any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of the report.

EXPLANATIONS

- v Name The name is as declared by the client and recorded by the personnel who collected the specimen.
- v **Ref.By -** The name of the doctor who has recommended testing as declared by the client.
- v Labcode This is the accession number in our laboratory and it helps us in archiving and retrieving the data.
- v **Barcode** This is the specimen identity number and it states that the results are for the specimen bearing the barcode (irrespective of the name).
- v SCT Specimen Collection Time The time when specimen was collected as declared by the client.
- v SRT Specimen Receiving Time This time when the specimen reached our laboratory.
- v $\,$ RRT Report Releasing Time The time when our pathologist has released the values for Reporting.
- v **Reference Range -** Means the range of values in which 95% of the normal population would fall.

SUGGESTIONS

- v Values out of reference range requires reconfirmation before starting any medical treatment.
- v Retesting is needed if you suspect any quality shortcomings.
- v For suggestions, complaints or feedback, write to us at grievance-office@docon.co.in or call us on 7022000900.



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