

LABORATORY REPORT

Name : **SAEED ABBAS EBRAHEEM YOUSIF ALYOUSIF** File. No. : **AAL02-355452**
DOB/Gender : **01-01-1980 (43 Yrs 9 Month 29 Days/Male)** Referral Doctor : **Dr. Enomen Goodluck Ekata**
Lab No. : **22233030112** Referral Clinic : **Peshawar(Irham Medical Center)**
Request Date : **30-10-2023 12:37** Clinic File No : **41296**
Insurance : **No**

IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES

Test Name	Result	Units	Ref. Range	Method
**Hepatitis B surface Ag	0.35	Cutoff Index (COI)	Non Reactive: <0.90 Borderline: >= 0.90 to < 1.0 Reactive: >= 1.0	ECLIA
*Hepatitis B "s" Ag Interpretation	Non-Reactive		Non-Reactive	

Full HepB profile is recommended in case of a Reactive result. HBs Ag Index value is an instrument dependant value and should not be used for monitoring.

For monitoring HepB levels (track treatment), a quantitative viral load by PCR is advised.

Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

Please note Reference Range Reviewed w.ef 20/10/23

HCV Abs (serum)	0.05	S/CO	Non-Reactive: < 1 Reactive: >= 1	CMIA
Hepatitis C Virus Ab Interpretation	Non-Reactive		Non-Reactive	

Note: Patient with acute HCV infection may still be non-reactive for HCV abs ("diagnostic window")

HIV I&II Abs+ p.24 Ag (serum)	0.21	S/CO	Non-Reactive: < 1.0 Reactive >= 1.0	CMIA
HIV Interpretation	Non-Reactive		Non-Reactive	

Note: Patients at a very early stage of infection may still be non-reactive for HIV Abs or detect p24 antigen. If HIV is suspected, a control sample is

recommended in 4-6 weeks

Sample Type : Serum

These tests are accredited under ISO 15189:2012 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

H/L Collected On : 30-10-2023 11:00:00
Authenticated On : 30-10-2023 15:01:13
Printed On : 30-10-2023 15:47:47

Received On : 30-10-2023 12:38:00
Released On : 30-10-2023 15:02:31
Reprinted On : 30-10-2023 19:58:30

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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MICROBIOLOGY/BACTERIOLOGY/BODY FLUIDS

Test Name	Result	Units	Ref. Range	Method
<u>URINE ROUTINE (URINALYSIS)</u>				
<u>PHYSICAL EXAMINATION</u>				
Color	Dark Yellow		Yellow	Light Scatter
Appearance	Turbid		Clear	Light Scatter
Specific Gravity	1.028		1.005 - 1.030	Refractrometry
PH	5.00		4.6 - 8.0	Litmus reaction
Glucose	Negative		Negative	Enz.Rn/Reflect
Ketone	Negative		Negative	Legal's method
Protein	Trace		Negative	Dye Binding
Blood	Negative		Negative	Peroxidase Activity/Reflectance
Bilirubin	Negative		Negative	Acidified Diazo Coupling
Urobilinogen	Normal	mg/dL	Normal 0.2 - 1.0	Buffered Diazo Coupling
Nitrite	Negative		Negative	Mod. Gries Rn
Leukocytes.	Negative		Negative	Enz.Rn/Reflect
<u>MICROSCOPIC EXAMINATION</u>				
Pus Cells	1 - 2	/HPF	1 - 4	F.D.I/Microscopy
RBC's	0 - 1	/HPF	0 - 2	F.D.I/Microscopy
Epithelial cells	0 - 1	/HPF	1 - 4	F.D.I/Microscopy
Bacteria	Absent	/HPF	Absent	F.D.I/Microscopy
Yeast cells	Absent	/HPF	Absent	F.D.I/Microscopy
Trichomonas Vaginalis	Absent	/HPF	Absent	F.D.I/Microscopy
Mucus Threads	Few	/HPF	Absent	F.D.I/Microscopy
Calcium Oxalate Crystals	+	/HPF	Absent	F.D.I/Microscopy
Casts	Absent	/LPF	Absent	F.D.I/Microscopy

Bilirubin and Urobilinogen when exposed to sunlight leads to artificially low results, hence recommended to collect urine in dark container for analyzing Urine

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Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

H/L Collected On : 30-10-2023 11:00:00
Authenticated On : 30-10-2023 14:37:57
Printed On : 30-10-2023 15:01:21

Received On : 30-10-2023 12:38:00
Released On : 30-10-2023 14:46:52
Reprinted On : 30-10-2023 19:58:30

Pring

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Lab No.	: 22233030112	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 30-10-2023 12:37	Clinic File No	: 41296
Insurance	: No		

Test Name	Result	Units	Ref. Range	Method
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Bilirubin and Urobilinogen if clinically indicated.

Kindly note the new methodology is effective from 31-10-2022.

Sample Type : Urine

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Prings

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STD 13 PANEL (REAL TIME PCR)
MOLECULAR BIOLOGY/GENETICS

Test Name	Result	Units	Ref. Range	Method
*Neisseria Gonorrhoeae	Not Detected		Not Detected	RT PCR (NAAT)
*Trichomonas Vaginalis	Not Detected		Not Detected	RT PCR (NAAT)
*Ureaplasma Parvum	Not Detected		Not Detected	RT PCR (NAAT)
*Mycoplasma Genitalium	Not Detected		Not Detected	RT PCR (NAAT)
*Mycoplasma Hominis	Not Detected		Not Detected	RT PCR (NAAT)
*Ureaplasma Urealyticum	Not Detected		Not Detected	RT PCR (NAAT)
*Haemophilus Ducreyi	Not Detected		Not Detected	RT PCR (NAAT)
*Gardnerella vaginalis	Not Detected		Not Detected	RT PCR (NAAT)
*Candida Albicans	Not Detected		Not Detected	RT PCR (NAAT)
*HSV I	Not Detected		Not Detected	RT PCR (NAAT)
*HSV II	Not Detected		Not Detected	RT PCR (NAAT)
*Treponema Pallidum	Not Detected		Not Detected	RT PCR (NAAT)
*Chlamydia Trachomatis	Not Detected		Not Detected	RT PCR (NAAT)

Remarks: REAL TIME PCR STIs detects the presence of microorganisms causing sexually transmitted infections in clinical samples (urine & swabs).

Detection is carried out by the specific amplification of each genotype in the sample, originating a variable fragment with limit of detection between 50 to 500 genomic pairs (copies / mL of the sample).

The detection of the product is amplified by REAL TIME PCR platform. Test result obtained through technical collaboration with Medsol group of Laboratories.

Remarks:

Test done in Urine.

Sample Type : Swab / LBC / Urine / Semen

----- End Of Report -----

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Authenticated On : 30-10-2023 19:01:45 Released On : 30-10-2023 19:04:58
Printed On : 30-10-2023 19:58:30



Esmeralda Obenita
Lab Incharge
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