Lambda Therapeutic Research Ltd.

Clinical Laboratory Test Report

16003151

LAMBDA
Lambda Therapeutic Research Limited

Screening	AH13-04560	**Lab ID:**	16003151	**Sample Collected**	21-Jan-2016 12:41
Subject Initial:	SCK	**Sex :**	Male	**Sample Collected At:**	Ahmedabad
Subject	N/A	**Visit :**	Screening	**Sample Received On:**	21-Jan-2016 13:08
Date Of Birth:	15-Dec-1991			**Report Date:**	21-Jan-2016 17:42
Referred By:	Dr. Manish Patel			**Study /Project**	

CHEMISTRY

[Performed By Reflectance Photometry]

PARAMETER	RESULT	CS/NCS*	REMARK	UNIT	REFERENCE INTERVAL
PLASMA RANDOM GLUCOSE	85.5			mg/dL	- WHO CRITERIA FOR DIAGNOSIS OF DIABETES >200 along with symptoms of hyperglycemia suggestive of diabetes
Glucose oxidase					
BILIRUBIN TOTAL	0.43			mg/dL	0.2 - 1.3
Azobilirubin					
TOTAL PROTEIN	**8.62**	NCS	H	g/dL	6.9 - 8.6
Biuret					
ALBUMIN	4.92			g/dL	3.9 - 5.2
BCG					
GLOBULIN	3.7			g/dL	2.5 - 3.8
Calculated					
A/G RATIO	1.33				1.2 - 2.2
Calculated					
S.G.O.T (AST)	35			U/L	18.0 - 55.0
UV WITH P-5-P					
S.G.P.T (ALT)	47			U/L	19.0 - 79.0
UV WITH P-5-P					
CREATININE	0.68			mg/dL	0.6 - 1.1
Enzymatic (Creatine amidohydrolase, IDMS traceable)					

Final Remark :- Clinically acceptable

Reviewed by:- Dr. Manish Patel - Study Physic22-Jan-2016 15:25

*- NCS = Non Clinical Significant, CS = Clinical Significant

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No. M-0232

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Test	Value				Unit	Reference Range
UREA	15.2				mg/dL	9.0 - 31.2
Urease quinolinium dye						
SODIUM	**144.7**	NCS		H	mmol/L	134.2 - 144.0
Direct ISE						
POTASSIUM	4.92				mmol/L	3.8 - 5.3
Direct ISE						
CHLORIDE	104.7				mmol/L	96.9 - 106.2
Direct ISE						
CREATININE CLEARANCE	**178.51**	NCS		H	mL/min	90 - 139
Calculated						

Final Remark :-   Clinically acceptable

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COAGULATION

[Performed By Clot Detection]

PARAMETER	RESULT	CS/NCS*	REMARK	UNIT	REFERENCE INTERVAL
APTT	32.9			Seconds	27.5 - 44.2
PT (Prothrombin Time)	12.0			Seconds	11.0 - 16.0

Clot detection, Automated
coagulometer

Final Remark :- Clinically acceptable

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HEMATOLOGY

[Performed By Flowcytometry and Electrical Impedence Method]

PARAMETER	RESULT	CS/NCS*	REMARK	UNIT	REFERENCE INTERVAL
HAEMOGLOBIN	15.0			g/dL	13.0 - 17.0
SLS-Haemoglobin method					
RBC COUNT	5.03			X 10^6/μL	4.5 - 5.5
Hydro Dynamic focussing method					
HCT	43.8			%	40.0 - 50.0
RBC pulse-height detection method					
MCV	87.1			fL	83.0 - 101.0
Calculated					
MCH	29.8			Pg	27.0 - 32.0
Calculated					
MCHC	34.2			g/dL	31.5 - 34.5
Calculated					
RDW CV	12.1			%	11.6 - 14.0
Calculated					
PLATELET COUNT	360			X 10^3/μL	150 - 410
Hydro dynamic focussing method					
WBC (TOTAL)	9.05			X 10^3/μL	4.0 - 10.0
Flowcytometry method					
NEUTROPHIL %	54.7			%	40 - 80
Flowcytometry method					
LYMPHOCYTES%	37.9			%	20 - 40
Flowcytometry method					

Final Remark :- Clinically acceptable

Reviewed by:- Dr. Manish Patel - Study Physician 22-Jan-2016 15:25

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EOSINOPHILS %	1.2	%	1 - 6
Flowcytometry method			
MONOCYTES %	6.2	%	2 - 10
Flowcytometry method			
BASOPHILS %	0.0	%	0 - 2
Flowcytometry method			
NEUTROPHILS (ABS)	4.95	X 10^3/µL	2.0 - 7.0
Calculated			
EOSINOPHILS (ABS)	0.11	X 10^3/µL	0.02 - 0.5
Calculated			

Final Remark :- Clinically acceptable

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IMMUNOLOGY

PARAMETER	RESULT	CS/NCS*	REMARK	UNIT	REFERENCE INTERVAL
Anti HIV I&II	Non-Reactive				Non-Reactive
ELISA					
Anti HCV	Non-Reactive				Non-Reactive
ELISA					
HBsAg	Non-Reactive				Non-Reactive
ELISA					

Final Remark :- Clinically acceptable

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URINE ANALYSIS

[Performed By Reflectance Photometry]

PARAMETER	RESULT	CS/NCS*	REMARK	UNIT	REFERENCE INTERVAL
Appearance	CLEAR				
Specimen Type	RANDOM				
Colour	Pale Yellow				
Specific Gravity	**1.002**	NCS		**L**	1.005 - 1.020
pH	5				5.0 - 8.0
GLUCOSE	Negative				Negative
PROTEIN	Negative				Negative
BILIRUBIN	Negative				Negative
KETONE	Negative				Negative
Urobilinogen	Negative				Negative
ERYTHROCYTES	Negative				Negative
LEUCOCYTES	Negative				Negative
NITRITE	Negative				Negative

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