DIAGNOSTIC REPORT

MC-5750

agilus diagnostics
Dr. Phadke Labs

PATIENT NAME : MATHEW JOSEPH	**REF. DOCTOR :** DR.KAMINI MEHTA	
KHARGHAR	ACCESSION NO : **0040XF000941**	AGE/SEX : 19 Years Male
	PATIENT ID : MATHM16030540	DRAWN : 05/06/2024 07:58:20
	CLIENT PATIENT ID:	RECEIVED : 05/06/2024 08:02:17
9870331316	ABHA NO :	REPORTED : 05/06/2024 13:29:57

Test Report Status **Final**	Results	Biological Reference Interval	Units

HAEMATOLOGY

ERYTHROCYTE SEDIMENTATION RATE (ESR),EDTA BLOOD

E.S.R	11	0 - 14	mm at 1 hr

METHOD : MODIFIED WESTERGREN

Interpretation(s)
ERYTHROCYTE SEDIMENTATION RATE (ESR),EDTA BLOOD-**TEST DESCRIPTION** :-
Erythrocyte sedimentation rate (ESR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (sedimentation) of erythrocytes in a sample of blood that has been placed into a tall, thin, vertical tube. Results are reported as the millimetres of clear fluid (plasma) that are present at the top portion of the tube after one hour. Nowadays fully automated instruments are available to measure ESR.

ESR is not diagnostic; it is a non-specific test that may be elevated in a number of different conditions. It provides general information about the presence of an inflammatory condition.CRP is superior to ESR because it is more sensitive and reflects a more rapid change.
TEST INTERPRETATION
Increase in: Infections, Vasculities, Inflammatory arthritis, Renal disease, Anemia, Malignancies and plasma cell dyscrasias, Acute allergy Tissue injury, Pregnancy, Estrogen medication, Aging.
Finding a very accelerated ESR**(>100 mm/hour)** in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Disseminated malignancies, connective tissue disease, severe infections such as bacterial endocarditis).
In pregnancy BRI in first trimester is 0-48 mm/hr(62 if anemic) and in second trimester (0-70 mm /hr(95 if anemic). ESR returns to normal 4th week post partum.
Decreased in: Polycythermia vera, Sickle cell anemia

LIMITATIONS
False elevated ESR : Increased fibrinogen, Drugs(Vitamin A, Dextran etc), Hypercholesterolemia
False Decreased : Poikilocytosis,(SickleCells,spherocytes),Microcytosis, Low fibrinogen, Very high WBC counts, Drugs(Quinine, salicylates)

REFERENCE :
1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition;2. Paediatric reference intervals. AACC Press, 7th edition. Edited by S. Soldin;3. The reference for the adult reference range is "Practical Haematology by Dacie and Lewis,10th edition.

Dr. Swapnil Sirmukaddam
Consultant Pathologist

Dr.Rashmi Shrivastava
Consultant Pathologist

View Details View Report

PERFORMED AT :
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Bhoomi Tower, 1st Floor, Hall No.1, Plot No.28 Sector 4, Kharghar
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CIN - U74899PB1995PLC045956

ULR No.775000007868076-0040

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BIOCHEMISTRY

PHOSPHORUS, SERUM

PHOSPHORUS	4.0	2.5 - 4.5	mg/dL

METHOD : UV PHOSPHO MOLYBDATE

****End Of Report****
Please visit www.agilusdiagnostics.com for related Test Information for this accession

CONDITIONS OF LABORATORY TESTING & REPORTING

1. It is presumed that the test sample belongs to the patient named or identified in the test requisition form.
2. All tests are performed and reported as per the turnaround time stated in the AGILUS Directory of Services.
3. Result delays could occur due to unforeseen circumstances such as non-availability of kits / equipment breakdown / natural calamities / technical downtime or any other unforeseen event.
4. A requested test might not be performed if:
   i. Specimen received is insufficient or inappropriate
   ii. Specimen quality is unsatisfactory
   iii. Incorrect specimen type
   iv. Discrepancy between identification on specimen container label and test requisition form
5. AGILUS Diagnostics confirms that all tests have been performed or assayed with highest quality standards, clinical safety & technical integrity.
6. Laboratory results should not be interpreted in isolation; it must be correlated with clinical information and be interpreted by registered medical practitioners only to determine final diagnosis.
7. Test results may vary based on time of collection, physiological condition of the patient, current medication or nutritional and dietary changes. Please consult your doctor or call us for any clarification.
8. Test results cannot be used for Medico legal purposes.
9. In case of queries please call customer care (91115 91115) within 48 hours of the report.

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Agilus Diagnostics Limited
Fortis Hospital, Sector 62, Phase VIII,
Mohali 160062

Dr.Rashmi Shrivastava
Consultant Pathologist

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