

UHID: AH3G 348657

Name: Riyanshi Basumatary
Age/Gender: 2yr 2M 28days / F

DR. PRAKRITISH BORA, MD (Paed)

Director & HOD, Dept. of Paediatrics & Neonatology
Senior consultant - Paediatric Critical care
- Paediatric Neurology
- Paediatric and Neonatology

Mobile No: 9864062646

Email: aveejaina@yahoo.co.in

Website: www.drprakritishbora.com

Frequent fever

(S₃ like state
3 times so far)

26/06/2026

wt. - 11.3 kg

Ht. - 86 cm

Hq. - 45.5 cm

- Change of faecal
colour and hands

Adv

= Hb Typing, 0.971 21.08
TSH, VITD, B/E - 115.2

= Colo Pulse = 1 Scoop x 3mls
= Ru

URGENT

Dr.

26/6/26

= D₃ NOrem 60K (10)
1 dose/weekly

= Syr IQ NOrem DATA

5ml O.D. x 3mls
Ru. SOS/8ml

Dr.

26/6/26

Name : Ms. RIYANSHI BASUMATARY

Age : 2Yr 2Mth 28Days

Gender : Female

UHID : AHBG.0000348657

/ AHBGOPP717409

W/BNo/RefNo : OP

SIN \ LRN : 132112561 \ 13484983

Specimen : Serum

Ref Doctor : Dr. Prakritish Bora



Collected on : 26-JUN-2026 05:16:35 PM

Received on

: 26-JUN-2026 06:19:44 PM

Reported on

: 26-JUN-2026 10:08:42 PM

TEST NAME	RESULT	BIOLOGICAL REFERENCE INTERVALS	UNITS
TSH: THYROID STIMULATING HORMONE - SERUM (ECI)	0.971	0.700 - 5.970	uIU/mL
VITAMIN D-SERUM (Electrochemiluminescence)	21.1	Healthy adults: Severe deficiency: <10.0 Insufficiency*: 10.0 - 30.0 Sufficiency: 30.0-100.0 Toxicity: >100.0	ng/mL
VITAMIN D TOTAL-SERUM			
IGE (TOTAL) (ECI)	115.2 *	0.0 - 60.0	IU/ml
IgE(Total)Serum			

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Comments : IgE Interpretation:

An allergy blood test measures a substance called immunoglobulin E(IgE) antibody in blood. IgE levels in your blood may be elevated in the presence of allergic reactions in the body.,TSH Interpretation: Thyroid Stimulating Hormone level is higher when there is an underactive thyroid and lower in cases of hyperthyroidism (Graves disease toxic goitre or thyroiditis).

Hypothyroidism is classified as subclinical, primary or central. TSH secretion exhibits a diurnal pattern.TSH receptor present in thyroid gland can be stimulated or inhibited by auto-antibodies produced in autoimmune thyroid disorders, which can lead to functional abnormalities of thyroid gland.,Vitamin D interpretation:

The main function of vitamin D is to aid in the absorption of calcium, magnesium and phosphorus and promote bone mineralization. Vitamin D also has anti-inflammatory and other properties that play a role in cellular differentiation by maintaining normal muscle, immune system and nervous system functions. Its levels may be 40-50% lower in winters than in summers. It is affected by exposure to sunlight, skin pigmentation, use of sunscreens, age, pregnancy, patients with malabsorption, improper hepatic function and patients taking AEDs. Misuse of vitamin D supplements can cause loss of mineral from bone and hypercalcemia.

Clinical Decision Limits:

Less than 20 ng/ml: Deficient
 21-39 ng/ml: Insufficient
 40-80 ng/mL: Sufficient

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80-100 ng/ml: Higher than normal
Greater than 100 ng/ml: Toxic

Report Status: Final

KINDLY CORRELATE RESULTS WITH CLINICAL FINDINGS.

* END OF REPORT *

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724909

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DR. ANGELA PHUKAN
MD(PATHOLOGIST)

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Name : Ms. RIYANSHI BASUMATARY

Age : 2Yr 2Mth 28Days

Gender : Female

UHID : AHBG.0000348657

/ AHBGOPP717409

W/BNo/RefNo : OP

SIN \ LRN : 132112560 \ 13484983

Specimen : EDTA Blood

Ref Doctor : Dr. Prakritish Bora



Collected on : 26-JUN-2026 05:16:35 PM

Received on : 26-JUN-2026 06:19:44 PM

Reported on : 27-JUN-2026 10:41:13 AM

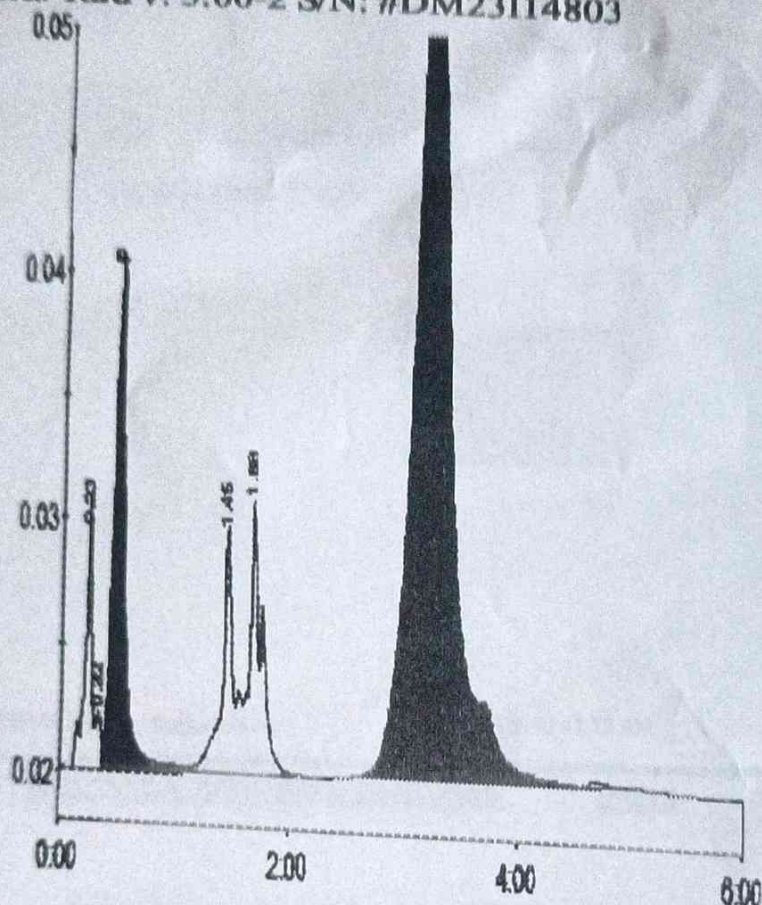
TEST NAME	RESULT	BIOLOGICAL REFERENCE INTERVALS	UNITS
HB TYPING / ELECTROPHORESIS			
Hb F:	13.0 *	0.0 - 2.0	
Hb A2:	84.5 *	2.0 - 3.7	
RBC COUNT	5.1	4 - 5.2	Million/ul
Hemoglobin	9.5 *	11 - 14	g/dl
PACKED CELL VOLUME [PCV]	29 *	30 - 40	%
MCV	57 *	75 - 87	fl
MCH	18 *	25 - 33	pg
MCHC	32	31 - 37	g/dl
RDW-CV	19 *	11.6 - 14.0	%
INTERPRETATION:	HbE Disease or Compound heterozygous for HbE and Beta thalassemia.		

Comments : PARENTS,SIBLINGS SCREENING AND DNA STUDIES FOR CONFIRMATION.

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Patient report

Sample ID: 132112560
Injection date 06/27/2026 06:11 AM
Injection #: 12 D-10 Method: HbA2/F
Rack #: --- Rack position: 6
Bio-Rad v: 5.00-2 S/N: #DM23114803



Peak table - ID: 132112560

Peak	R.time	Height	Area	Area %
A1a	0.23	10872	40124	3.6
A1b	0.32	2236	7056	0.6
F	0.48	20312	133954	13.0
P3	1.45	9734	56318	5.0
A0	1.68	10765	89611	8.0
A2	3.24	36982	799732	84.5 *

Total Area: 1126796

Concentration:	%
F	13.0
A2	84.5 *

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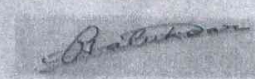
Report Status:Final

KINDLY CORRELATE RESULTS WITH CLINICAL FINDINGS.

*** END OF REPORT ***

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1250201

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DR. PARTHAPRATIM TALUKDAR
MD(Biochemistry)