

Help in humanity trust

DEPARTMENT OF HEALTH GOVERNMENT OF BIHAR

DRAWING A NEW ERA FOR THALASSEMIA

INTEGRATED CENTRE FOR HEMOGLOBINOPATHY & HEMOPHILIA (ICHH)

DEPARTMENT OF PEDIATRICS

Name of Medical Collage/Hospital : .....

THALASSEMIA PATIENT CARD



SHSB Thalassemia Registration No.: Regno: BR04008TH2604659

Day Care Centre Registration No.: ICHH/1556

Name of Patient : ~~PAYAL~~ HAPPY KUMARI

Date of Birth : 26/02/25 Sex : f

Name of Father : Sunil kumar

Name of Mother : Amrita Kumari

Contact No. - Father : 9304312519, Mother 8969740933, Alternate No. :

Aadhar No. of Patient :

Aadhar No. of Father : 8051 0454 1110 Mother :

Date of Diagnosis of Thalassemia : 02/02/26

ABHA ID No. of Patient : Father :

Name of Hospital where Diagnosis was confirmed : PMCH, Patna

Age at First Blood Transfusion : 11months

Hepatitis 'B' Vaccination : Y/N ....., Date : ....., Nest Booster :

Blood Group : B+ve (B positive), Rh :

Leucocyte filter : Using regularly / using irregularly / Not using

Diagnosis : β thalassemia major

Counselling regarding BMT & Antenatal Screening :

Chelation : Y/N : Drug : Date :

Regular : Y/N : Dose :

Date : 07/02/2026

Seal

07/02/26

Signature of Incharge
ICHH/MO SH

STATE HEALTH SOCIETY, BIHAR

जीवन बिहार...
सपना हो साकार

कृपया प्रत्येक बार इस कार्ड को अपने साथ लाएँ।

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Name	: Ms. AMRITA KUMARI	Age	: 20 Years
Lab No.	: 498700586	Gender	: Female
Ref By	: DR PMCH PATNA	Reported	: 6/2/2026 1:18:00PM
Collected	: 5/2/2026 12:01:00PM	Report Status	: Final
A/c Status	: P	Processed at	: Patna Lab II R K ESTATE opposite IGIMS Raja Bazar Bailey Road Patna-800014
Collected at	: M/S MODREN DIAGNOSTIC CENTER MATE MARKET, ASHOK RAJPATH(OPP PMCH), SHOP NO. 3, PATNA - 800004,9308749621		

Test Report

Test Name	Results	Units	Bio. Ref. Interval

Authenticity assured - scan the QR code to access the original report from our verified database

IMPORTANT INSTRUCTIONS

•Test results released pertain to the specimen submitted.•All test results are dependent on the quality of the sample received by the Laboratory. •Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician .•Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.•Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.•Test results may show interlaboratory variations.•The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).•Test results are not valid for medico legal purposes.•This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner /Doctor. The report does not need physical signature.

(#) Sample drawn from outside source.

If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.

Tel: +91-11-49885050,Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com

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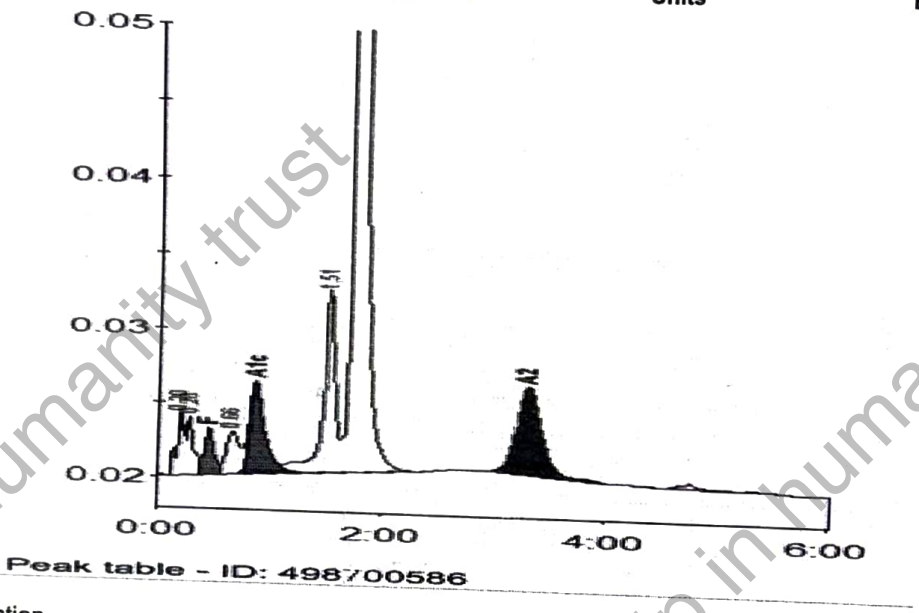
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Test Report

Test Name	Results	Units	Bio. Ref. Interval



Suggestive Interpretation
Beta Thalassemia Minor.
Recommended: Hb Chromatography of both parents and siblings, if any, for possible genetic counselling. Kindly include this report for reference.
To confirm the diagnosis, please undergo DNA analysis.

Test conducted on EDTA (Whole Blood)

Dr Binay kumar.
MD,Pathology
Consultant Pathologist
Dr Lal PathLabs Ltd

Dr Manju Sharma
DCP, Pathology
Consultant Pathologist

Dr.Shalini Sinha
MBBS , DCP
Chief of Laboratory
Dr Lal PathLabs Ltd

End of report

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Name	: Baby HAPPY KUMARI		
Lab No.	: 517828183	**Age**	: 1 Year
Ref By	: DR GAURAV KHARYA	**Gender**	: Female
Collected	: 17/9/2026 3:35:00PM	**Reported**	: 17/9/2026 7:05:11PM
A/c Status	: P	**Report Status**	: Final
Collected at	: PSC SUKHDEV VIHAR PLOT NO-9,MAIN ROAD,SUKHDEV VIHAR DELHI-110025 NEW DELHI	**Processed at**	: LPL-NOIDA LAB N-27, SECTOR-18, NOIDA - 201301

Test Report

Test Name	Results	Units	Bio. Ref. Interval
FERRITIN, SERUM (CLIA)			
Ferritin	**1056.50**	ng/mL	7.00 - 140.00

Note: Increase in serum ferritin due to inflammatory conditions (Acute phase response) can mask a diagnostically low result

Comments

Serum ferritin appears to be in equilibrium with tissue ferritin and is a good indicator of storage iron in normal subjects and in most disorders. In patients with some hepatocellular diseases, malignancies and inflammatory diseases, serum ferritin is a disproportionately high estimate of storage iron because serum ferritin is an acute phase reactant. In such disorders iron deficiency anemia may exist with a normal serum ferritin concentration. In the presence of inflammation, persons with low serum ferritin are likely to respond to iron therapy.

Increased Levels

- Iron overload - Hemochromatosis, Thalassemia & Sideroblastic anemia
- Malignant conditions - Acute myeloblastic & Lymphoblastic leukemia, Hodgkin's disease & Breast carcinoma
- Inflammatory diseases - Pulmonary infections, Osteomyelitis, Chronic UTI, Rheumatoid arthritis, SLE, burns
- Acute & Chronic hepatocellular disease

Decreased Levels

Iron deficiency anemia

Dr. Jyoti Singh
MD, DNB, Pathology (DMC/R/14042)
Consultant Pathologist
Dr Lal PathLabs Ltd

Dr Parul Joshi
MD, Pathology(DMC-2281)
Chief of Laboratory
Dr Lal PathLabs Ltd

----------End of report ----------

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Lab No.	: 517828183	**Gender**	: Female
Referred By	: DR GAURAV KHARYA	**Reported**	: 17-09-2026 07:05 PM
Collected	: 17-09-2026 03:35 PM	**Status**	: Final
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NABL
NABLM0726UP10266

Test Name	17-Sep-26	Units	Bio. Ref. Interval	Previous 1	Previous 2
FERRITIN, SERUM *(CLIA)*					
Ferritin	**1056.50**	ng/mL	7.00 - 140.00		

Dr Parul Joshi
MD, Pathology(DMC-2281)
Chief of Laboratory Dr Lal PathLabs Ltd

Dr. Jyoti Singh
MD, DNB, Pathology (DMC/R/14042)
Consultant Pathologist Dr Lal PathLabs Ltd

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● Within Limit ■ Outside of Limit

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Iron deficiency anemia

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gnostic Report

MC-5716

agilus diagnostics

PATIENT NAME : MISS HAPPY | **REF. DOCTOR :** DR. V.K. JHA

CODE/NAME & ADDRESS : C000141469 TIRHUT DIAGNOSTICS CENTRE OPPOSITE SITAKUNJ PARK GATE, HOSPITAL ROAD SITAMARHI,SITAMARHI SITAMARHI 843302 9431281471	ACCESSION NO : **0419ZA003185** PATIENT ID : MISSF280225419 CLNT.PATIENT ID: JAN78 ABHA NO :	AGE/SEX : 11 Months Female DRAWN : 30/01/2026 11:20:00 RECEIVED : 31/01/2026 12:10:30 REPORTED : 02/02/2026 12:10:30

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

Interpretation(s)
HEMOGLOBIN VARIANT ANALYSIS - BLOOD-Test Method: High Performance Liquid Chromatography (HPLC).

1)The Variant II Beta Thalassemia Short Program utilizes principles of ion-exchange high-performance liquid chromatography (HPLC) for screening of Beta thalassemia and hemoglobinopathies. DNA studies is required to rule out alpha thalassemia or silent carriers.
2)In cases of hemoglobinopathy or abnormal Hb Window seen, Parents or family studies is advised.
3)All the results have to be correlated with age and history of blood transfusion. If blood transfusion is given then repeat testing after 3 months of last date of transfusion is required for diagnosis
4) Mild to moderate increase in fetal haemoglobin can be seen in conditions like pregnancy, megaloblastic anaemia, thyrotoxicosis, hypoxia, chronic kidney disease, recovering marrow, MDS, Aplastic anaemia, PNH, medications (hydroxyurea, erythropoietin) etc.
5)P3 window above 10 % is indicative of either denatured forms of haemoglobins or possibility of abnormal Hb variant. Hence repeat analysis with fresh sample or DNA studies if recommended.
6)P2 window above 6 % is indicative of either glycated haemoglobin requiring correlation with diabetic status or possibility of abnormal Hb variant requiring DNA studies for confirmation.

Reference: 1) The relevance of hemoglobin F measurement in the diagnosis of thalassemias and related hemoglobinopathies Andrea Mosca, et al. Clinical Biochemistry 42 (2009) 1797-1801. 2) New analytical tools and epidemiological data for the identification of HbA2 borderline subjects in the screening for beta-thalassemias. Andrea Mosca, et al. Bioelectrochemistry 73 (2008) 137-140. 3)NATIONAL HEALTH MISSION (NHM) Guidelines 2016 - PREVENTION AND CONTROL OF HEMOGLOBINOPATHIES IN INDIA - THALASSEMIAS, SICKLE CELL DISEASE AND OTHER VARIANT HEMOGLOBINS.

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

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Dr. Prajapati Kamlesh Ishwarbhai
Consultant - Pathologist

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PERFORMED AT :
Agilus Diagnostics Ltd
Reference Lab,2nd Floor, Plot No. 31,Urban Estate Electronic City,Sector-18, Gurugram, 122015
Haryana, India
Tel : 9111591115, Fax : CIN - U74899PB1995PLC045956

ULR No.775000016156912-0009

DKMS BMST
WE DELETE BLOOD CANCER

DKMS-BMST THALASSEMIA PROGRAMME

THALASSEMIA PATIENT REGISTRATION & INFORMED CONSENT

(Patient Copy)

DKMS BMST Foundation India
723, 2nd floor,
Chinmaya Mission Hospital Road,
Indiranagar 1st stage,
Bangalore, - 560038, Karnataka
T: +91-80-68286500, dkms-bmst.org
thalsupport@dkms-bmst.org

Thal. Partner Organization Name:	Patient Name:
Sample Collecting Organization Name:	Mother Tongue of Patient Family:
Place: Delhi Date: 17/9/26	Volunteer / Staff / Patient Counsellor Name:

INFORMED CONSENT FOR PARTICIPATION IN PATIENT AND DONOR MATCHING:

Signatories hereby declare that they and their named wards, namely the patient/s and patient/s' siblings:

1. agree to participate in the Patient and Donor Typing Program of DKMS BMST Foundation India (hereafter "DKMS-BMST"). Purpose of the program is to determine a possible match between the patient and the donor in preparation of a potentially life-saving stem cell transplantation. I have understood the information provided to me and any questions were answered satisfactorily in my native language; and
2. will provide to DKMS-BMST the buccal swab samples of below named patient/s, siblings and parents and agree that DKMS-BMST uses these sample to examine their tissue characteristics, virologic parameters, and other biological factors which are important for a possible stem cell donation (e.g., KIR, CCR5, and blood type). Virological parameters include the detection of antibodies to various viruses (e.g., HIV, hepatitis, CMV) and other microorganisms (e.g., syphilis agents), as well as the direct detection of these pathogens. I have been informed that DKMS-BMST makes use of certified partner laboratories for this purpose. Any residual material after buccal swap analysis will be destroyed.

With regard to the processing of personal data the signatories further declare that they:

3. agree that DKMS-BMST, with the help of their cooperation partners, will collect and process personal data from this form and samples provided for the purpose described in this consent form. This includes identifying data collected via this consent form as well as results of the laboratory test (analysis data). DKMS-BMST processes all personal data in accordance with applicable data protection rules and regulations. For the purpose of patient and donor matching DKMS-BMST may share the data with entities of DKMS Group, which may be located inside or outside of India, and may make use of other service providers. More information has been provided to me in the Data Protection Statement on the back of this form;
4. agree that DKMS-BMST will store my personal data for a limited period to determine a possible match in the future;
5. agree that DKMS-BMST may transmit the result from laboratory test to the institution where the patient is under treatment or registered and the institution will share with them the results of all named sample givers. In case of a possible match, the signatories or the patient/s siblings may be asked to donate stem cells on the basis of a separate Informed Consent given vis-á-vis the institution where the collection will be carried out; and
6. have provided the personal data in this form and the sample to DKMS-BMST voluntarily and can revoke their consent at any time without giving reasons. They may submit this withdrawal in writing to thalsupport@dkms-bmst.org.

Date: 17/9/26	Date: 17/9/26
Father's Name:	Mother's Name: Ankita Kumari
Signature:	Signature:
Contact address:	Mobile : 9308413125 19, 8969710933
	Email:

Thalassemia Consent Form Version: 02/2024

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Diagnostic Report

MC-5716

agilus diagnostics

PATIENT NAME : MISS HAPPY

REF. DOCTOR : DR. V.K. JHA

CODE/NAME & ADDRESS : C000141469
TIRHUT DIAGNOSTICS CENTRE
OPPOSITE SITAKUNJ PARK GATE, HOSPITAL ROAD
SITAMARHI,SITAMARHI
SITAMARHI 843302
9431281471

ACCESSION NO : **0419ZA003185**
PATIENT ID : MISSF280225419
CLNT.PATIENT ID: JAN78
ABHA NO :

AGE/SEX : 11 Months Female
DRAWN : 30/01/2026 11:20:00
RECEIVED : 31/01/2026 12:10:30
REPORTED : 02/02/2026 12:10:30

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

HAEMATOLOGY

HEMOGLOBIN VARIANT ANALYSIS - BLOOD

METHOD : HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)

HEMOGLOBIN A	6.5 Low	89 - 96	%
HEMOGLOBIN A2	3.9 High	1.8 - 2.9	%
HEMOGLOBIN F	88.4 High	1 - 10	%
HEMOGLOBIN S	0.0	0.0 - 0.0	%
HEMOGLOBIN D	0.0	0.0 - 0.0	%
HEMOGLOBIN C	0.0	0.0 - 0.0	%

METHOD : HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)

HEMOGLOBIN (E+A2)	0.0	0.0 - 0.0	%
PEAK2	0.0	0.0 - 6.0	%
UNKNOWN UNIDENTIFIED PEAK	0.0	0.0 - 2.0	%
OTHER PEAKS (NON-SPECIFIC)	0.0	0.0 - 10.0	%

IMPRESSION

COMMENT :-- HB VARIANT ANALYSIS IN 11 MONTHS OLD CHILD : HBF IS VERY HIGH FOR THE AGE AND HBA2 IS RAISED. THIS IS SUGGESTIVE OF BETA THALASSAEMIA HOMOZYGOUS OR DOUBLE HETEROZYGOUS FOR BETA THALASSAEMIA OR DOUBLE HETEROZYGOUS FOR BETA THALASSAEMIA AND DELTA BETA THALASSAEMIA.

ADVICE: KINDLY CONFIRM BY DOING PARENTAL SCREENING AND DNA ANALYSIS.

DISCLAIMER:-THIS SCREENING TEST DOES NOT RULE OUT ANY ALPHA THALASSAEMIAS/HB VARIANTS THAT ELUTE AT SIMILAR RTs ON HPLC. PLEASE TAKE INTO ACCOUNT ANY RECENT BLOOD TRANSFUSION RECEIVED BY THE PATIENT.

K. I. Prajapati

Dr. Prajapati Kamlesh Ishwarbhai
Consultant - Pathologist

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ULR No.775000016156912-0009

PERFORMED AT :
Agilus Diagnostics Ltd
Reference Lab,2nd Floor, Plot No. 31,Urban Estate Electronic City,Sector-18,
Gurugram, 122015
Haryana, India
Tel : 9111591115, Fax : CIN - U74899PB1995PLC045956

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Dr. Gaurav Kharya
MBBS, DCH, DNB (Pediatrics)
Fellowship – Ped. Hematology Oncology Immunology & BMT (SGRH, New Delhi)
Fellowship – Ped. Hematology Oncology Immunology & BMT (GNCH, UK)
Fellowship – Ped. Hematology & BMT (Imperial College, London)
DMC - 25144
Clinical Lead | Center for Bone Marrow Transplant and Cellular Therapy
Senior Consultant | Ped. Hematology Oncology & Immunology

Dr. Garima Nirmal
MBBS, MD Pediatrics,
DM Ped. Hematology Oncology
DMC – 80894
Senior Consultant

Accredited by Joint Commission International

Apollo Indraprastha Apollo Bone Marrow Transplant & Cellular Therapy

Dr. Nikhil Gupta
MBBS, MD Pediatrics,
Fellowship in Ped. Hematology
DMC – 18956
Associate Consultant

Dr. Shruti Verma
MBBS, DCH, DNB Pediatrics,
FIAP Ped. Hematology Oncology
DMC/R/12439
Junior Consultant & Fellow

Dr. Swetlana Mukherjee
MBBS MD Pediatrics
FNB in Ped. Hematology Oncology
DMC/R/14234
Junior Consultant & Fellow

Dr. Pallavi Wadhawan
MBBS MD Pediatrics
Fellowship in Ped. Oncology
DMC/R/19916
Junior Consultant

Dr. Jerubandi Shiva Kumar
Clinical Fellow in BMT and Cellular Therapy
MBBS, DNB (Pediatrics), DM (Ped. oncology, TMH, Mumbai)
Junior Consultant & Fellow

Baby Happy.

19th dep dy.

Ly 6 mo / M F

Wt = 8.5 kg.

KCO TOT
Diag of 6 mo
on regular PRBC tx at govt hosp, Sitamarhi
PRBC 1a every 4 wks. 8 Tx 00 fcm.
Fenton :- ND

PE GPE WNL
SE NNL

lg HbF 88 4/.

Tx PRBC
- use leuco dep cellsh PRBC
- Maintain pre Tx Hb > 9.5
- Nti iron,

Tab. Folic acid 5mg ½ tab PO OD

Syp. Shelcal 5ml PO OD.

Tab. DESIROX 250 mg

Hx Fenton

R/A xpert.

Hb sample to be taken

(Gaurav)

Indraprastha Apollo Hospitals
Sarita Vihar, Delhi-Mathura Road, New Delhi – 110076 (INDIA) Tel.: +91-11-71791170, 71791171
Room No.: 1114, Gate No.: 04, Timings: Monday-Saturday: 9.00 AM – 3.00 PM | E-mail: gaurav.kharya@gmail.com Cell: +91-9213132168
Website: delhi.apollohospitals.com
In case of emergency, please call on BMT & CT HELPLINE: 8826197259
Appointment No.: +91-8826931012

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Name	: Ms. AMRITA KUMARI	Age	: 20 Years
Lab No.	: 498700586	Gender	: Female
Ref By	: DR PMCH PATNA	Reported	: 6/2/2026 1:18:00PM
Collected	: 5/2/2026 12:01:00PM	Report Status	: Final
A/c Status	: P	Processed at	: Patna Lab II R K ESTATE opposite IGIMS Raja Bazar Bailey Road Patna-800014
Collected at	: M/S MODREN DIAGNOSTIC CENTER MATE MARKET, ASHOK RAJPATH(OPP PMCH), SHOP NO. 3, PATNA - 800004,9308749621		

Test Report

Test Name	Results	Units	Bio. Ref. Interval
HEMOGLOBIN HPLC / ELECTROPHORESIS			
Hb F	<0.8	%	<1.50
Peak 2	5.10	%	<9.60
Hb Adult	87.60	%	83.24 - 90.79
Hb A2	**6.70**	%	1.50 - 4.00
Others (Non Specific)	4.90	%	<10.00
P3_AREA	4.90	%	0 - 10
Hemoglobin	**10.30**	g/dL	12.00 - 15.00
RBC Count	**5.70**	mill/mm3	3.80 - 4.80
Packed Cell Volume (PCV)	37.20	%	36.00 - 46.00
MCV	**65.30**	fL	83.00 - 101.00
MCH	**18.10**	pg	27.00 - 32.00
RDW	**16.60**	%	11.60 - 14.00

If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.
Tel: 011-4988-5050, *Fax:* +91-11-2788-2134, *E-mail:* customer.care@lalpathlabs.com

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DKMS THALASSEMIA PROGRAM

Name: Amrita Kumari

Date: 17/9/26

Location: New Delhi

DKMS THALASSEMIA PROGRAM

Name: Happy Kumari

Date: 17/9/26

Location: New Delhi

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