



Dr. Vinay Chopr MD (Pathology & Mic Chairman & Consulta		icrobiology) MD (Pathology)		
NAME	: Mrs. ANJALI			
AGE/ GENDER	: 26 YRS/FEMALE	PATIE	NT ID	: 1679981
COLLECTED BY	:	REG. N	O./LAB NO.	: 042412010001
REFERRED BY	:	REGIS	TRATION DATE	:01/Dec/2024 08:55 AM
BARCODE NO.	: A1260012		CTION DATE	:01/Dec/2024 12:19PM
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD		RTING DATE	: 02/Dec/2024 06:04PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMI	BALA CANTT		
Test Name		Value	Unit	Biological Reference interv
		HAEMATOI	.OGY	
I	HAEMOGLOBIN - HIGH PERF	ORMANCE LIQU	JID CHROMATO	GRAPHY (HB-HPLC)
HAEMOGLOBIN V	ARIANTS			
HAEMOGLOBIN AO) (ADULT) DRMANCE LIQUID CHROMATOGRAPHY)	85.5	%	83.00 - 90.00
HAEMOGLOBIN F (<0.8	%	0.00 - 2.0
by HPLC (HIGH PERFO HAEMOGLOBIN A2	ORMANCE LIQUID CHROMATOGRAPHY)	3.1	%	1.50 - 3.70
	5 DRMANCE LIQUID CHROMATOGRAPHY)	5.1		
PEAK 3 by HPLC (HIGH PERFO	ORMANCE LIQUID CHROMATOGRAPHY)	5	%	< 10.0
OTHERS-NON SPE	CIFIC	ABSENT	%	ABSENT
by HPLC (HIGH PERFO	ORMANCE LIQUID CHROMATOGRAPHY)	NOT DETECTED	%	< 0.02
by HPLC (HIGH PERFC	ORMANCE LIQUID CHROMATOGRAPHY)			
HAEMOGLOBIN D	(PUNJAB) ORMANCE LIQUID CHROMATOGRAPHY)	NOT DETECTED	%	< 0.02
HAEMOGLOBIN E	ORMANCE LIQUID CHROMATOGRAPHY)	NOT DETECTED	%	< 0.02
HAEMOGLOBIN C		NOT DETECTED	%	< 0.02
	DRMANCE LIQUID CHROMATOGRAPHY)	NOT DETECTED	%	< 0.02
	DRMANCE LIQUID CHROMATOGRAPHY)	NOT DETECTED	70	< 0.02
GLYCOSYLATED H. WHOLE BLOOD	AEMOGLOBIN (HbA1c):	4.8	%	4.0 - 6.4
by HPLC (HIGH PERFC	ORMANCE LIQUID CHROMATOGRAPHY)			
	<u>S (RBCS) COUNT AND INDICES</u>			
HAEMOGLOBIN (H	IB) ATOLOGY ANALYZER	9.8 ^L	gm/dL	12.0 - 16.0
RED BLOOD CELL ((RBC) COUNT	4.51	Millions/o	cmm 3.50 - 5.00
by AUTOMATED HEM. PACKED CELL VOL	atology analyzer UME (PCV)	32 ^L	%	37.0 - 50.0
by AUTOMATED HEM	ATOLOGY ANALYZER			
	AR VOLUME (MCV) atology analyzer	71 ^L	fL	80.0 - 100.0

DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist CEO & Consultant Pathologist : Mrs. ANJALI NAME **AGE/ GENDER** : 26 YRS/FEMALE **PATIENT ID** :1679981 **COLLECTED BY** REG. NO./LAB NO. :042412010001 **REFERRED BY REGISTRATION DATE** :01/Dec/2024 08:55 AM **BARCODE NO.** :A1260012 **COLLECTION DATE** :01/Dec/2024 12:19PM CLIENT CODE. : KOS DIAGNOSTIC SHAHBAD **REPORTING DATE** :02/Dec/2024 06:04PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** MEAN CORPUSCULAR HAEMOGLOBIN (MCH) 27.0 - 34.0 21.7^L pg by AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) g/dL 32.0 - 36.0 30.5^L by AUTOMATED HEMATOLOGY ANALYZER **RED CELL DISTRIBUTION WIDTH (RDW-CV)** % 11.00 - 16.00 16.8^H by AUTOMATED HEMATOLOGY ANALYZER **RED CELL DISTRIBUTION WIDTH (RDW-SD)** 44.4fL 35.0 - 56.0 by AUTOMATED HEMATOLOGY ANALYZER **OTHERS** NAKED EYE SINGLE TUBE RED CELL NEGATIVE (-ve) NEGATIVE (-ve) **OSMOTIC FRAGILITY TEST** by SINGLE RED CELL OSMOTIC FRAGILITY MENTZERS INDEX 15.74RATIO BETA THALASSEMIA TRAIT: < by CALCULATED 13.0 **IRON DEFICIENCY ANEMIA:** >13.0

INTERPRETATION

THE ABOVE FINDINGS ARE SUGGESTIVE OF NORMAL HAEMOGLOBIN CHROMATOGRAPHIC PATTERN

INTERPRETATION:

The Thalassemia syndromes, considered the most common genetic disorder worldwide, are a heterogenous group of mandelian disorders, all characterized by a lack of/or decreased synthesis of either the alpha-globin chains (alpha thalassemia) or the beta-globin chains (beta thalassemia) of haemoglobin.

HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC):

1.HAEMOGLOBIN VARIANT ANALYSIS, BLOOD- High Performance liquid chromatography (HPLC) is a fast & accurate method for determining the presence and for quatitation of various types of normal haemoglobin and common abnormal hb variants, including but not limited to Hb S, C, E, D and Beta -thalassemia.

2. The diagnosis of these abnormal haemoglobin should be confirmed by DNA analysis.

3. The method use has a limited role in the diagnosis of alpha thalassemia.

4.Slight elevation in haemoglobin A2 may also occur in hyperthyroidism or when there is deficiency of vitamin b12 or folate and this should be istinguished from inherited elevation of HbA2 in Beta- thalassemia trait. NAKED EYE SINGLE TUBE RED CELL OSMOTIC FRAGILITY TEST (NESTROFT):

1.It is a screening test to distinguish beta thalassemia trait. Also called as Naked Eye Single Tube Red Cell Osmotic Fragility Test.

2. The test showed a sensitivity of 100%, specificity of 85.47%, a positive predictive value of 66% and a negative predictive value of 100%. 3.A high negative predictive value can reasonably rule out beta thalassemia trait cases. So, it should be adopted as a screening test for beta thalassemia trait, as it is not practical or feasible to employ HbA2 in every case of anemia in childhood.

MENTZERS INDEX:

1. The Mentzer index, helpful in differentiating iron deficiency anemia from beta thalassemia. If a CBC indicates microcytic anemia, the Mentzer index is said to be a method of distinguishing between them.

2. If the index is less than 13, thalassemia is said to be more likely. If the result is greater than 13, then iron-deficiency anemia is said to be more





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com







	Dr. Vinay Cho MD (Pathology & I Chairman & Consu	Microbiology)	Igam Chopra MD (Pathology) ultant Pathologist
NAME	: Mrs. ANJALI		
AGE/ GENDER	: 26 YRS/FEMALE	PATIENT ID	: 1679981
COLLECTED BY	:	REG. NO./LAB NO.	:042412010001
REFERRED BY	:	REGISTRATION DA	TE : 01/Dec/2024 08:55 AM
BARCODE NO.	: A1260012	COLLECTION DATE	:01/Dec/2024 12:19PM
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD	REPORTING DATE	:02/Dec/2024 06:04PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT	
Test Name		Value Unit	Biological Reference interval

likely.

3. The principle involved is as follows: In iron deficiency, the marrow cannot produce as many RBCs and they are small (microcytic), so the RBC count and the MCV will both be low, and as a result, the index will be greater than 13. Conversely, in thalassemia, which is a disorder of globin synthesis, the number of RBC's produced is normal, but the cells are smaller and more fragile. Therefore, the RBC count is normal, but the MCV is low, so the index will be less than 13.

NOTE: In practice, the Mentzer index is not a reliable indicator and should not, by itself, be used to differentiate. In addition, it would be possible for a patient with a microcytic anemia to have both iron deficiency and thalassemia, in which case the index would only suggest iron deficiency.



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com
 www.koshealthcare.com







	Dr. Vinay Chopr MD (Pathology & Mice Chairman & Consulta	robiology) MD	(Pathology)
NAME	: Mrs. ANJALI		
AGE/ GENDER	: 26 YRS/FEMALE	PATIENT ID	: 1679981
COLLECTED BY	:	REG. NO./LAB NO.	: 042412010001
REFERRED BY	:	REGISTRATION DATE	: 01/Dec/2024 08:55 AM
BARCODE NO.	: A1260011	COLLECTION DATE	:01/Dec/2024 12:19PM
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD	REPORTING DATE	:01/Dec/2024 01:02PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT	
Test Name		Value Unit	Biological Reference interval

IMMUNOPATHOLOGY/SEROLOGY

HEPATITIS C VIRUS (HCV) ANTIBODIES SCREENING

HEPATITIS C ANTIBODY (HCV) TOTAL

NON - REACTIVE

RESULT by IMMUNOCHROMATOGRAPHY

INTERPRETATION:

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT

1.Anti HCV total antibody assay identifies presence IgG antibodies in the serum. It is a useful screening test with a specificity of nearly 99%. 2.It becomes positive approximately 24 weeks after exposure. The test can not isolate an active ongoing HCV infection from an old infection that has been cleared. All positive results must be confirmed for active disease by an HCV PCR test.

FALSE NEGATIVE RESULTS SEEN IN:

1.Window period

2.Immunocompromised states.





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com







	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultan	obiology) MI	m Chopra D (Pathology) nt Pathologist
NAME	: Mrs. ANJALI		
AGE/ GENDER	: 26 YRS/FEMALE	PATIENT ID	: 1679981
COLLECTED BY	:	REG. NO./LAB NO.	: 042412010001
REFERRED BY	:	REGISTRATION DATE	: 01/Dec/2024 08:55 AM
BARCODE NO.	: A1260011	COLLECTION DATE	:01/Dec/2024 12:19PM
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD	REPORTING DATE	: 01/Dec/2024 01:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	ALA CANTT	
Test Name		Value Unit	Biological Reference int

ANTI HUMAN IMMUNODEFICIENCY VIRUS (HIV) ANTIBODIES HIV (1 & 2) SCREENING

HIV 1/2 AND P24 ANTIGEN RESULT by IMMUNOCHROMATOGRAPHY NON - REACTIVE

INTERPRETATION:-

1.AIDS is caused by at least 2 known types of HIV viruses, HIV-1 and HIV HIV-2.

2. This NACO approved immuno-chromatographic solid phase ELISA assay detects antibodies against both HIV-1 and HIV-2 viruses.

3. The test is used for routine serologic screening of patients at risk for HIV-1 or HIV-2 infection.

4.All screening ELISA assays for HIV antibody detection have high sensitivity but have low specificity.

5.At this laboratory, all positive samples are cross checked for positivity with two alternate assays prior to reporting.

NOTE:-

1.Confirmatory testing by Western blot is recommended for patients who are reactive for HIV by this assay.

2. Antibodies against HIV-1 and HIV-2 are usually not detectable until 6 to 12 weeks following exposure (window period) and are almost always detectable by 12 months.

3. The test is not recommended for children born to HIV infected mothers till the child turns two years old (as HIV antibodies may be transmitted passively to the child trans-placentally).

FALSE NEGATIVE RESULT SEEN IN:

1. Window period

2.Severe immuno-suppression including advanced AIDS.





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)







Test Name		Value Unit	Biological Reference interval
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT	
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD	REPORTING DATE	: 01/Dec/2024 01:03PM
BARCODE NO.	: A1260011	COLLECTION DATE	:01/Dec/2024 12:19PM
REFERRED BY	:	REGISTRATION DATE	:01/Dec/2024 08:55 AM
COLLECTED BY	:	REG. NO./LAB NO.	: 042412010001
AGE/ GENDER	: 26 YRS/FEMALE	PATIENT ID	: 1679981
NAME	: Mrs. ANJALI		
	MD (Pathology & M Chairman & Consul	G, /	D (Pathology) ht Pathologist
	Dr. Vinay Chor	ora 🛛 🛛 Dr. Yugai	n Chopra

KOS Diagnostic Lab (A Unit of KOS Healthcare)

HEPATITIS B SURFACE ANTIGEN (HBsAg) SCREENING

HEPATITIS B SURFACE ANTIGEN (HBsAg)

NON REACTIVE

RESULT

by IMMUNOCHROMATOGRAPHY

INTERPRETATION:-

1.HBsAG is the first serological marker of HBV infection to appear in the blood (approximately 30-60 days after infection and prior to the onset of clinical disease). It is also the last viral protein to disappear from blood and usually disappears by three months after infection in self limiting acute Hepatitis B viral infection.

2.Persistence of HBsAg in blood for more than six months implies chronic infection. It is the most common marker used for diagnosis of an acute Hepatitis B infection but has very limited role in assessing patients suffering from chronic hepatitis.

FALSE NEGATIVE RESULT SEEN IN:

1. Window period.

2.Infection with HBsAg mutant strains

3. Hepatitis B Surface antigen (HBsAg) is the earliest indicator of HBV infection. Usually it appears in 27 - 41 days (as early as 14 days).

4.Appears 7 - 26 days before biochemical abnormalities. Peaks as ALT rises. Persists during the acute illness. Usually disappears 12- 20 weeks after the onset of symptoms / laboratory abnormalities in 90% of cases.

5.Is the most reliable serologic marker of HBV infection. Persistence > 6 months defines carrier state. May also be found in chronic infection. Hepatitis B vaccination does not cause a positive HBsAg. Titers are not of clinical value.

NOTE:-

1.All reactive HBsAG Should be reconfirmed with neutralization test(HBsAg confirmatory test).

2.Anti - HAV IgM appears at the same time as symptoms in > 99% of cases, peaks within the first month, becomes nondetectable in 12 months (usually 6 months). Presence confirms diagnosis of recent acute infection.





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)







		Pathologist CEO & Consul	MD (Pathology) Itant Pathologist
NAME : Mi	rs. ANJALI		
AGE/ GENDER : 26	YRS/FEMALE	PATIENT ID	: 1679981
COLLECTED BY :		REG. NO./LAB NO.	: 042412010001
REFERRED BY :		REGISTRATION DAT	E : 01/Dec/2024 08:55 AM
BARCODE NO. : A1	260011	COLLECTION DATE	:01/Dec/2024 12:19PM
CLIENT CODE. : KC	S DIAGNOSTIC SHAHBAD	REPORTING DATE	:01/Dec/2024 01:03PM
CLIENT ADDRESS : 63	49/1, NICHOLSON ROAD, AMBAL	A CANTT	
Test Name	V	alue Unit	Biological Reference interval
		VDRL	
VDRL		NON REACTIVE	NON REACTIVE
by IMMUNOCHROMATOGRAF	РНҮ		
	e until 7 - 10 days after appearanc	e ofchancre.	
2. High titer (>1:16) - active		. dua ka lata ay lata latay t	Ha
	al falsepositive test in 90% cases of phillis causes progressive decline to		15.
4. Treatment of primary syn			
5. Rising titer (4X) indicates	relapse,reinfection, or treatment f rly primary, late latent, and late s		

3.Some immunizations

4. Pregnancy (rare)

LONGTERM FALSE POSITIVE TEST RESULTS (>6 MONTHS DURATION) MAY OCCUR IN:

1. Serious underlying disease e.g., collagen vascular diseases, leprosy , malignancy.

2.Intravenous drug users.

3. Rheumatoid arthritis, thyroiditis, AIDS, Sjogren's syndrome.

4.<10 % of patients older thanage 70 years.

5.Patients taking some anti-hypertensive drugs.



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





	Dr. Vinay Chop		
	MD (Pathology & Mi Chairman & Consult		(Pathology) t Pathologist
NAME	: Mrs. ANJALI		
AGE/ GENDER	: 26 YRS/FEMALE	PATIENT ID	: 1679981
COLLECTED BY	:	REG. NO./LAB NO.	: 042412010001
REFERRED BY	:	REGISTRATION DATE	: 01/Dec/2024 08:55 AM
BARCODE NO.	: A1260013	COLLECTION DATE	:01/Dec/2024 12:15PM
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD	REPORTING DATE	:03/Dec/202407:48PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT	
Test Name		Value Unit	Biological Reference interval
		MICROBIOLOGY	
	CULTURE AEROBIC BA	CTERIA AND ANTIBIOTIC SEN	SITIVITY: URINE
CULTURE AND SUS	SCEPTIBILITY: URINE		
DATE OF SAMPLE		01-12-2024	
SPECIMEN SOURCE	E	URINE	
INCUBATION PERI		48 HOURS	
CULTURE by AUTOMATED BROT	TH CULTURE	STERILE	
ORGANISM by AUTOMATED BROT	TH CULTURE	NO AEROBIC PYOGENIC ORGAN INCUBATION AT 37*C	ISM GROWN AFTER 48 HOURS OF
AEROBIC SUSCEPT	TIBILITY: URINE		

INTERPRETATION:

In unine culture and sensitivity, presence of more than 100,000 organism per mL in midstream sample of urine is considered clinically significant. However in symptomatic patients, a smaller number of bacteria (100 to 10000/mL) may signify infection.
 Colony count of 100 to 10000/ mL indicate infection, if isolate from specimen obtained by suprapubic aspiration or "in-and-out" catheterization or from patients with indwelling catheters.

SUSCEPTIBILITY:

 A test interpreted as SENSTITIVE implies that infection due to isolate may be appropriately treated with the dosage of an antimicrobial agent recommended for that type of infection and infecting species, unless otherwise indicated..
 A test interpreted as INTERMEDIATE implies that the" Infection due to the isolate may be appropriately treated in body sites where the drugs are

A test interpreted as **INTERMEDIATE** implies that the "Infection due to the isolate may be appropriately treated in body sites where the drugs are physiologically concentrated or when a high dosage of drug can be used".
 A test interpreted as **RESISTANT** implies that the "isolates are not inhibited by the usually achievable concentration of the agents with normal

3.A test interpreted as **RESISTANT** implies that the "isolates" are not inhibited by the usually achievable concentration of the agents with normal dosage, schedule and/or fall in the range where specific microbial resistance mechanism are likely (e.g. beta-lactamases), and clinical efficacy has not been reliable in treatment studies.

CAUTION:

Conditions which can cause a false Negative culture:

1. Patient is on antibiotics. Please repeat culture post therapy.

Anaerobic bacterial infection.

3. Fastidious aerobic bacteria which are not able to grow on routine culture media.

- 4. Besides all these factors, at least in 25-40 % of cases there is no direct correlation between in vivo clinical picture.
- 5. Renal tuberculosis to be confirmed by AFB studies.

*** End Of Report ***





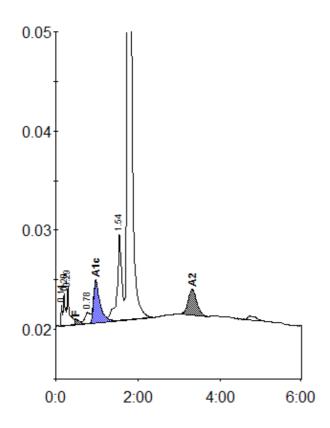
DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com



Patient report

Bio-Rad	DATE: 12/02/2024
D-10	TIME: 05:57 AM
S/N: #DJ6F040603	Software version: 4.30-2
Sample ID:	A1260012
Injection date	12/02/2024 03:16 AM
Injection #: 25	Method: HbA2/F
Rack #:	Rack position: 6



Peak table - ID: A1260012					
Peak	R.time	Height	Area	Area %	
Unknown	0.14	2112	4267	0.3	
Ala	0.20	3202	12053	0.9	
A1b	0.29	3911	14179	1.0	
F	0.50	445	5526	< 0.8 *	
LA1c/CHb-1	0.78	1100	10097	0.7	
A1c	0.97	4236	45729	4.8	
P3	1.54	8744	67425	5.0	
A0	1.75	276317	1159689	85.5	
A2	3.32	2585	37144	3.1	
Total Area:	1356109				

Concentration:	%
F	< 0.8 *
A1c	4.8
A2	3.1