



Person Name: Yogesh Kanchanalal Choure
Age / Sex: 29 / MALE
Sample type: Capillary Whole Blood
Family History of Sickle Cell Anemia: NA

Marital Status: Single
Test Date: 22-07-2023 11:45
ABHA ID: 91623848874425
Sample ID: 203986612834YOGGMC

POINT OF CARE SICKLE CELL ANEMIA TEST

Test Description	RESULT	REFERENCE RANGES
Sickle Cell Anemia (Method: HPOS)	Ra = 0.1864	< 0.16: Normal (HbA) 0.165 – 0.235: Sickle-cell Trait (HbAS) > 0.24: Sickle-cell Disease (HbSS) 0.16-0.165: Inconclusive (Negative Borderline) 0.235 – 0.24: Inconclusive (Positive Borderline)

Test Principle: This point of care quantitative diagnostic test for sickle-cell anemia works on the principle of absorption spectroscopy. The test helps in differentiating heterozygous/homozygous hemoglobin from normal hemoglobin.

Method: High Performance Optical Spectroscopy (HPOS) for detection of Sickle cell trait and sickle cell disease in whole blood capillary blood samples.

Note: Borderline cases are reported as inconclusive. It may occur due to several factors such as medication, transfusion, field conditions and assay process. Further clinical tests are recommended in these cases for diagnosis.

*** END OF REPORT ***

This is an electronically generated report. Generated at 16:08 hrs on 29-08-2023.

Note: Assay results should be correlated clinically with other clinical findings