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File No. 56/01/2024-SickleCell/Misc/NCD

Date:06.09.2024

Point of Care Assays validated for screening of Sickle Cell Disease (SCD) by ICMR are as following:

S. No.	Assay type	Year	Validating Site	Sample* size	Sensitivity (%)	Specificity (%)
1.	Aspen Laboratories Pvt. Ltd. Sickle Cell Rapid Test Device	2024	ICMR-NIIH Mumbai & ICMR-CRMCH, Chandrapur	150	100	100

This has approval of DG-ICMR.

Note

*Comparative done with the HPLC gold standard results (Biorad Variant I).

Appropriate training of the laboratory staff is required before use of the such assays for avoiding technical errors.

(Heena Tabassum)
Scientist & PO