

Common Lab Codes for India (CLCI)

Release Date: June 29, 2026

Introduction

Common Lab Codes for India (CLCI) is a curated subset of LOINC® (Logical Observation Identifiers Names and Codes), a globally recognized and preferred standard for laboratory and clinical observations, developed and maintained by Regenstrief Institute, Inc., USA. CLCI provides a curated set of commonly used laboratory test and measurement codes in India.

Consistent and standardized representation of diagnostic laboratory tests and clinical observations is fundamental to achieving semantic interoperability across healthcare systems. It enables accurate clinical communication, reliable data exchange, improved continuity of care, and supports secondary uses of health data such as public health surveillance, research, analytics, and policy planning.

However, due to the extensive scope of the LOINC standard, identifying the most appropriate code for a specific laboratory test can be challenging. CLCI addresses this need by providing a nationally curated subset of commonly used LOINC codes, thereby simplifying implementation and promoting efficient, accurate, and consistent adoption of standardized laboratory terminology across India's healthcare ecosystem.

Scope

The Common Lab Codes for India (CLCI) serves as a subset of LOINC and is intended to assist implementers in the quick identification and mapping of appropriate LOINC codes for laboratory tests and measurements within their applications.

The current CLCI list is evolving and will be updated based on laboratory practices in India and future releases of LOINC.

This release does not include all attributes and associated parameters available for each LOINC code. For complete details, users should refer to the official LOINC release files or the LOINC Browser available at <https://loinc.org/search>.

Release Summary

This release publishes a curated list of commonly referred laboratory tests and measurements in India, along with their suggestive mapping to LOINC codes based on **LOINC Version 2.82**. The list has been developed through the study and analysis of tests performed across Indian clinical laboratories.

The release is intended to assist healthcare providers, laboratories, health information systems, and ABDM-compliant applications in adopting standardized laboratory terminology.

The release is distributed as a single CSV file named "*common-lab-codes-for-india.csv*". Each record in the file represents a unique lab test or measurement and contains the following fields:

Field Name	Description
General Name	Local test names are commonly used by laboratories in India.
LOINC Code	Unique LOINC identifier for the test or measurement.
Fully Specified Name (FSN)	Includes component, property, time aspect, system, scale, and method of measurement.
Long Common Name (LCN)	A fully spelt-out, human-readable display name with property and system abbreviations expanded.

The current release includes **1,473** lab test and measurement records.

Get Release Files

Common Lab Codes for India (CLCI) is freely available and can be accessed here
Download https://www.nrces.in/services/national-releases#lab_codes

Acknowledgement & Contributions

We would like to acknowledge the valuable guidance, review, and contributions provided by the members of the LOINC India Working Group (LIWG), with individual volunteers and representation from laboratories, hospitals, health IT companies, government, accreditation bodies, and not-for-profit digital health organizations for the initial release of CLCI.