

# LOINC for Lab Tests

## Test Identification

- Laboratory observations
- Clinical measures
- Survey instruments
- Unique numeric codes

## Six-part Structure

- Component (analyte)
- Property (e.g., mass, volume)
- Timing (point in time)
- System (specimen type)
- Scale (quantitative, ordinal)
- Method (optional)

## Panel Organization

- Grouping related tests
- Complete blood count (CBC)
- Basic metabolic panel (BMP)
- Lipid panel

## Units Harmonization

- UCUM units of measure
- Conversion factors
- Reference ranges
- Mapping local lab codes