

**Reporting Title:** Lactate, P**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus**Ordering Guidance:**

This test does not measure D-lactate, an uncommon, often undiagnosed cause of lactic acidosis. If D-lactate testing is needed, order DLAC / D-Lactate, Plasma.

**Necessary Information:**

Patient's age and sex are required.

**Specimen Requirements:****Collection Container/Tube:** Gray top (potassium oxalate/sodium fluoride)**Submission Container/Tube:** Plastic vial**Specimen Volume:** 0.5 mL**Collection Instructions:**

1. Collection must be at least 1 mL in a 2-mL collection tube or at least 2 mL in a 4-mL collection tube.
2. Centrifuge and aliquot plasma into plastic vial.

Specimen Type	Temperature	Time	Special Container
Plasma NaFI-KOx	Refrigerated (preferred)	14 days	
	Ambient	8 hours	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
LACS1	Lactate, P	Numeric	mmol/L	2524-7

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

83605

**Reference Values:**

0-90 days (<3 months): 0.0-3.3 mmol/L

3-24 months: 0.0-3.1 mmol/L

>24 months-18 years: 0.0-2.2 mmol/L

>18 years: 0.5-2.2 mmol/L