

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

**Ordering Guidance:**  
Urine is the preferred specimen for D-lactate determination, order DLAU / D-Lactate, Urine.

For determination of L-lactate (lactic acid), order LACS1 / Lactate, Plasma

**Specimen Requirements:**  
**Supplies:** Sodium Fluoride/Potassium Oxalate Tube, 2 mL (T275)  
**Collection Container/Tube:**  
**Preferred:** Sodium fluoride/potassium oxalate tube  
**Acceptable:** Green top (sodium heparin)  
**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 0.5 mL plasma  
**Collection Instructions:** Centrifuge and aliquot plasma into a plastic vial.  
**Note:** If collecting in sodium heparin tubes, centrifugation must occur within one hour of collection.

Specimen Type	Temperature	Time	Special Container
Plasma NaFI-KOx	Frozen (preferred)	91 days	
	Ambient	91 days	
	Refrigerated	91 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
8878	D-Lactate, P	Numeric	mmol/L	14045-9

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

**Supplemental Report:**  
No

**CPT Code Information:**  
83605

**Reference Values:**  
< or =0.25 mmol/L