

Reporting Title: Pyruvic Acid, B**Performing Location:** Rochester**Additional Testing Requirements:**

This test does not calculate the lactate:pyruvate ratio. To obtain this information, both this test and LACS1 / Lactate, Plasma must be ordered. The ratio can be calculated from the results obtained from these tests. A separate specimen must be obtained for lactate testing, see LACS1 / Lactate, Plasma.

Specimen Requirements:

Call 800-533-1710 or 507-266-5700 to order special collection tube.

Patient Preparation: Fasting (at least 4 hours)

Supplies: Perchloric Acid-Pyruvate Tube (T012)

Container/Tube: Special collection tube containing 2.5 mL of 6% perchloric acid

Specimen Volume: Exactly 1 mL

Collection Instructions:

1. Special collection tube must be prechilled prior to collection.
2. Draw enough blood directly into syringe to add exactly 1 mL of blood to the prechilled special collection tube.
3. Taking care to not spill any of the preservative, cautiously remove the cap from the tube.
4. Immediately transfer blood, once drawn, to the prechilled, special collection tube, recap, and shake vigorously to mix.

Additional Information:

1. Check expiration date before using. Supplied collection tube expires 14 months after preparation.
2. If perchloric acid (preservative) spills, obtain a new, prechilled tube.

Specimen Minimum Volume:

See Specimen Required

Forms:

1. Biochemical Genetics Patient Information (T602)
2. If not ordering electronically, complete, print, and send a Biochemical Genetics Test Request (T798) with the specimen.

Specimen Type	Temperature	Time	Special Container
Whole blood	Refrigerated	15 days	PYRUVATE

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8657	Pyruvic Acid, B	Alphanumeric	mmol/L	14121-8
7729	Pyruvic Acid, B	Alphanumeric	mg/dL	2905-8

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

84210

Reference Values:

0.08-0.16 mmol/L

NIH Unit

0.7-1.4 mg/dL