

**Reporting Title:** Adrenocorticotrophic Hormone, P**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive**Necessary Information:**

Separate specimens should be submitted when multiple tests are ordered.

**Specimen Requirements:**

**Patient Preparation:** For 12 hours before specimen collection, patient **should not** take multivitamins or dietary supplements (eg, hair, skin, and nail supplements) containing biotin (vitamin B7).

**Supplies:** Sarstedt 5 mL Aliquot Tube (T914)

**Collection Container/Tube:** Ice-cooled, lavender top (EDTA)

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 1 mL

**Collection Instructions:**

1. Morning (7 a.m.-10 a.m.) specimen is desirable.
2. Collect with a pre-chilled lavender top (EDTA) tube and transport to the laboratory on ice.
3. Within 2 hours of collection centrifuge at refrigerated temperature and immediately separate plasma from cells.
4. Immediately freeze plasma.

**Forms:**

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

[-General Request](#) (T239)

[-Oncology Test Request](#) (T729)

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Frozen (preferred)	28 days	
	Ambient	2 hours	
	Refrigerated	3 hours	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
ACTH	Adrenocorticotrophic Hormone, P	Numeric	pg/mL	2141-0

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

**Supplemental Report:**

No

**CPT Code Information:**

82024

**Reference Values:**

7.2-63 pg/mL (a.m. draws)

---

Reference ranges are based on samples drawn between 7 a.m.-10 a.m.

No established reference values for p.m. draws

Pediatric reference values are the same as adults, as confirmed by peer reviewed literature.

Petersen KE. ACTH in normal children and children with pituitary and adrenal diseases. I. Measurement in plasma by radioimmunoassay-basal values. *Acta Paediatr Scand*. 1981;70(3):341-345

For International System of Units (SI) conversion for Reference Values, see

[www.mayocliniclabs.com/order-tests/si-unit-conversion.html](http://www.mayocliniclabs.com/order-tests/si-unit-conversion.html).