

Reporting Title: Adrenocorticotrophic Hormone, P

Performing Location: Rochester

Necessary Information:

Separate specimens should be submitted when multiple tests are ordered.

Specimen Requirements:

Patient Preparation: For the 12 hours before specimen collection do not take multivitamins or dietary supplements containing biotin (vitamin B7), which is commonly found in hair, skin, and nail supplements and multivitamins.

Supplies: Sarstedt 5 mL Aliquot Tube (T914)

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

Submission Container/Tube: Plastic, 5 mL, aliquot tube

Specimen Volume: 1 mL

Collection Instructions:

- Morning (6 a.m.-10:30 a.m.) specimen is desirable.
- Collect with a pre-chilled lavender top (EDTA) tube and transport to the laboratory on ice.
- Centrifuge at refrigerated temperature within 2 hours and immediately separate plasma from cells.
- 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	
	Refrigerated	3 hours	
	Ambient	2 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)

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;70:341-345

For SI unit Reference Values, see <https://www.mayocliniclabs.com/order-tests/si-unit-conversion.html>