
Reporting Title: Alpha-Fetoprotein, Tumor Marker, S
Performing Location: Rochester**Ordering Guidance:**

This test is used as a tumor marker and is not intended for the detection of neural tube defects. For testing amniotic fluid specimens, order AFPA / Alpha-Fetoprotein, Amniotic Fluid.

Specimen Requirements:

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 0.6 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial

Specimen Minimum Volume:

0.5 mL

Forms:

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

-Oncology Test Request (T729)

-General Test Request (T239)

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Frozen	90 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
AFP	Alpha-Fetoprotein, Tumor Marker, S	Numeric	ng/mL	53962-7

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82105

Reference Values:

<8.4 ng/mL

Reference values are for nonpregnant subjects only; fetal production of alpha-fetoprotein elevates values in pregnant women.

Range for newborns is not available, but concentrations over 100,000 ng/mL have been reported in normal newborns, and the values rapidly decline in the first 6 months of life. (See literature reference: Ped Res 1981;15:50-52) For further interpretive information, see Alpha-Fetoprotein (AFP)

Serum markers are not specific for malignancy, and values may vary by method.