

# AFP (Human) ELISA Kit

Catalog # KA6713

Size 1 Kit

## Specification

<b>Product Description</b>	AFP (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of alpha-fetoprotein in serum.
<b>Suitable Sample</b>	Serum
<b>text</b>	25 uL
<b>Assay Type</b>	Quantitative
<b>Calibration Range</b>	1.78 - 160 IU/mL
<b>Regulatory Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store the kit at 4°C.

## Applications

- Functional Study

## Gene Info — AFP

<b>Entrez GeneID</b>	<a href="#">174</a>
<b>Gene Name</b>	AFP
<b>Gene Alias</b>	FETA, HPAFP
<b>Gene Description</b>	alpha-fetoprotein
<b>Omim ID</b>	<a href="#">104150</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

This gene encodes alpha-fetoprotein, a major plasma protein produced by the yolk sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatoma or teratoma. However, hereditary persistence of alpha-fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly. [provided by RefSeq]

**Other Designations**

OTTHUMP00000160480|alpha-1-fetoprotein|alpha-fetoglobulin

**Disease**

- [Carcinoma](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)