



# Human AFP antigen (>98%) (DAGA-735)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

### Antigen Description

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.

<b>Purity</b>	>98% by SDS-PAGE
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	0.1 M PBS, 0.2M NaCl, pH 7.4 with 0.1% NaN <sub>3</sub> .
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C

## BACKGROUND

### Keywords

AFP;alpha-fetoprotein;FETA;HPAFP;alpha-fetoglobulin;alpha-1-fetoprotein