

Human Alpha Fetoprotein Antigen Grade

Cat. No. CDA001 Lot. No. (See product label)

SPECIFICATION

Product Overview

Source	Human Fetal Cord Serum
Description	AFP is a glycoprotein containing about 4% carbohydrate. AFP is produced by the fetal liver and is not normally expressed in adults.
Format	Purified, Lyophilized. Reconstitute to 1mg/ml in 50mM Tris pH 7.5, 50mM ammonium bicarbonate pH 8.1 or PBS. Prior to reconstitution rap the bottom of the vial against a bench top to ensure all product is at the bottom of the vial. Allow the reconstitution buffer to equilibrate to room temperature before use. Allow the vial to sit without agitation for at least 5 minutes followed by vortexing at slow speed or gentle swirling.
Contaminants	less than detectable limit of Albumin by SDS-PAGE.
Purification	80% pure (SDS-PAGE). Column chromatography
Activity	0.5mg/ml
Buffer	Lyophilized from 1N PBS, pH 7.5
Applications	Specific methodologies have not been tested using this product.
Storage	Upon receipt, store at -20°C

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Warnings

All human source materials have tested negative for HIV1, HIV2, HCV antibodies and HbsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.

GENE INFORMATION

Gene Name	AFP
Synonyms	Alpha-fetoprotein; Alpha-fetoglobulin; Alpha-1-fetoprotein; AFP; FETA; HPAFP; HP; OTTHUMP00000160480; FETA_HUMAN; Alpha-fetoprotein [Precursor].
Gene ID	174
mRNA Refseq	NM_001134
Protein Refseq	NP_001125
MIM	104150
UniProt ID	P02771
Chromosome Location	4q11-q13
Function	copper ion binding; metal ion binding; nickel ion binding

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