

Human AFP Antigen Grade

Cat. No. A32260H

STORE AT -20°C

DESCRIPTION	Human Alpha Fetoprotein (AFP) Antigen Grade
SHIPPING & STORAGE INFORMATION	Store at -20°C. Short term (up to 14 days) store at 2 – 8°C. Avoid multiple freeze / thaw cycles.
SAFETY PRECAUTIONS	Refer to the appropriate Safety Data Sheet (SDS) for additional information.
NOTES	This reagent has been manufactured under ISO13485 quality management system and is suitable for research or further manufacturing use only. Centrifuge before opening to ensure complete recovery of vial contents.

» For ordering and to learn about pack sizes, please **click here**.

General Features/Characteristics

SOURCE	Cell culture derived; human hepatocellular carcinoma
FORMAT	Purified, liquid
BUFFER	0.1 M Tris, 0.2 M Sodium Chloride, pH 7.5 ± 0.2
PRESERVATIVES	0.1% Sodium Azide
PURIFICATION	Affinity purified, 0.2 µm filtered
PURITY	> 95% (PAGE, Western Blot)
CONCENTRATION	As reported (OD280; E ^{0.1%} = 0.53)
BIOLOGICAL CHARACTERISTICS	AFP has three isoforms (AFP-L1, AFP-L2 and AFP-L3) of which AFP-L3 is the main isoform associated with germ cell and liver tumors. A32260H is derived from a liver tumor cell (not human cord serum) and contains approximately 70% of the AFP-L3 isoform (compared to human cord serum which typically only contains 10% AFP-L3).

Formats

Suitable for use in Western Blot. Each laboratory should determine an optimum working titer for its particular assay format. Other assay formats have not been tested but should not necessarily be excluded.