

Native Human Carcinoembryonic Antigen CEA Immunogen Grade

Catalog No.	CNH022	Quantity:	1.0 mg
Alternate Names:	CEA		
Description:	<p>Carcinoembryonic antigen describes a set of highly related glycoproteins involved in cell adhesion. CEA is normally produced in gastrointestinal tissue during fetal development, but the production stops before birth. Consequently, CEA is usually present at very low levels in the blood of healthy adults. However, the serum levels are raised in some types of cancer, which means that it can be used as a tumor marker in clinical tests. Immunologically they are characterized as members of the CD66 cluster of differentiation.</p>		
Source:	Human Liver carcinoma		
Purity:	> 95 % by SDS-PAGE		
Molecular Weight:	Approximately 180 kDa		
Formulation:	10 mM PBS, pH 7.4 with 2% Methyl mannoside, 0.1% NaN ₃		
Purification:	Affinity chromatography		
Applications:	Immunogen grade, ELISA.		
Storage & Stability:	Store as working aliquots at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		
Certification:	<p>Serum from donors has been tested and found to be negative for HIV-1/HIV-2, Hepatitis B Core Antigen, Hepatitis B Surface Antigen, Hepatitis C Virus and Syphilis by current FDA approved methods. However, because no test method can offer complete assurance that HIV, HBsAg, HCV, Syphilis or other infectious agents are absent, this material should be handled at the Bio-safety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 1999.</p>		

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