



Cancer Antigen CEA Antigen (Human Fluids)(VAng-Wyb8644)

PRODUCT INFORMATION

Product Overview

Carcinoembryonic Antigen, Calibrator Grade, Cancer antigen from Human Fluids, 1.13 mg/mL.

SPECIFICATIONS

Source	Human Fluids.
Target	CEA
Type	Tumor Antigens
Applications	ELISA
Formulation	50 mM Sodium Citrate, 150 mM Sodium Chloride, 20% Glycerol, pH 7.4 ± 0.2.
Purity	> 98% pure by SDS-PAGE.
Storage	Store at 2-8°C.

ANTIGEN INFORMATION

Introduction	CEA is a member of the carcinoembryonic antigen family. It plays a role in cell adhesion, intracellular signaling and tumor progression. It mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules. The protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. Its gene is present in a CEA family on chromosome 19. Alternative splicing results in multiple transcript variants.
Alternative Names	CEACAM5