

**AR00028PU-N****Human CA19-9 Antigen Grade****Alternate names:**

CA19-9, Sialosyl Lewis a, Sialyl Lewis a

**Quantity:**

50 kU

**Concentration:**

0.331 OD280nm Units

**Background:**

Mucin glucoprotein is a sialyl Lewis structure which is synthesized from type 1 blood group precursor chains and is present in individuals expressing the Lewis a and/or Lewis b blood group antigens. In normal tissues, sialyl Lewis a antigen is present in ductal epithelium of the breast, kidney, salivary gland, and sweat glands. Its expression is greatly enhanced in serum as well as in the majority of tumor cells in gastrointestinal (GI) carcinomas.

**Species:**

Human

**Source:**

Cell culture, (Human adenocarcinoma cell line supernatant)

**Format:****State:** Liquid (0.2 µm filtered) purified protein**Purity:** Relative purity ratio: 281,897 Units/ml/OD280nm.**Buffer System:** PBS, pH 7.4 ± 0.02 containing 0.09% Sodium Azide as preservative.**Description:**Human Cancer Antigen CA19-9 (Gastrointestinal Cancer) Antigen Grade. **Known****contaminants:** 65 Units/ml (< 1%) Centocor CA125 RIA Assay.**Specific Activity:** 93,380 Units/ml (Centocor RIA 19-9 Assay)**Storage:**

Store the protein undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**Caution:**

The human cell line supernatant tested negative for HIV 1&2 Ab, HIV Ag, HBsAg and HCV Ab. Because no test will guarantee a sample to be non-infective, all material derived from human fluids or tissues should be considered as potentially infectious.