**PRODUCT INFORMATION**

**Product Overview:** Protein purified from Human ascites fluids

**Source:** Human ascites fluids

**Form:** Liquid, in 0.1M PBS buffer, pH 7.4, 2.5% sucrose added as stabilizer.

**Grade:** Pure

**Concentration:** 85,000 Units/ml

**Purity:** >96%

**Contaminants:** This is a highly pure product. It has small amounts of contaminants. This lot contains CA125 and CA19-9 as determined by EIA assay.

**Note:** All donors tested negative for HIV-1/2; HBsAg & HCV by an FDA approved method.

**PACKAGE**

**Storage:** Store between 2-8°C. For long-term storage, aliquot and freeze at -20°C.

**Warning:** This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

**BACKGROUND**

**Introduction:** Tumor-associated glycoprotein 72 (TAG-72) is a glycoprotein found on the surface of many cancer cells, including breast, colon, and pancreatic cells. It is a mucin-like molecule with a molar mass of over 1000 kDa. TAG-72 is a tumor marker and can be measured with radioimmunoassays like CA 72-4, which uses indium (111In) satumomab pendetide and iodine (125I) CC49 monoclonal antibody. This assay has a good specificity for gastric cancer, with a correlation to the neoplasia's extension. It is used to identify relapses of the disease and to follow up the treatment. TAG-72 is also the target of the anti-cancer drugs anatumomab mafenatox and minretumomab.

**Keywords:** TAG 72; Tumor associated Glycoprotein 72; TAG72

**REFERENCES**