

Human Cancer Associated Antigen (CA-15-3, CA153, CAA-B)

Cat. # CA153-N-10

Purified Human CA153 protein

SIZE: 10 KU

A glycoprotein, normally present at levels of less than 30 units/ml, found in significantly higher levels in serum of women with metastatic breast cancer. Exists in serum and fluid as a high molecular weight complex of greater than 1,000,000. A powerful prognostic indicator in patients with advanced breast cancer. Suitable for use in immunoassays, as an immunogen, and in enzyme-radiolabeling.

Source of Antigen and Antibodies

Human CA153 (mol wt 400 kda) was purified from human fluids (>98%) using biochemical and immunoaffinity techniques. Purity is tested by RID, SDS-PAGE, and IEP. All human source materials have tested negative for HIV 1, HIV 2, HIV Ag, HBsAg and HCV. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.

CA153 is supplied in PBS pH 7.4 and 0.1% azide. Specific activity is specified on the vial and it is lot specific. Contaminants are CA19-9 and CA-125 (<25% unit to unit basis).

CA153 activity is measured by CIS-RIA (10,000-200,000 units/ml).

Storage and Stability

Store frozen at -20oC or below. Avoid repeated freeze/thaw and store in suitable aliquots.

Stability: 6-12 months at -20oC or below.

Shipping: -20oC for solution (dry ice).

Recommended Usage

Western Blotting: load 10-200 ng/lane for reaction with appropriate antibodies.

ELISA: for coating at 1 ug/ml or as standards.

References

Barros AC (1994) Eur J. Surg. Oncol. 20, 130; Berruti A (1994) Eur J. Cancer 30A, 2082; Yada GC (1993) Intl. J. Biol. Markers 8, 208; Soletormos G (1993) Ann. Oncol. 4, 86; Reddishm M (1993) J. Tumor Marker Oncol. 7, 1; Kufe D (1984) Hybridoma 3, 223

**This product is for In vitro research use only.*

Related material available from ADI

Human CA53 ELISA kits

CA153-N-10

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