Creative Enzymes®

Native Human Cancer Antigen 72-4

Cat. No. NATE-0953

Lot. No. (See product label)

Introduction

Description	Elevated CA 72-4 levels in serum and plasma have been reported in various malignant diseases including carcinomas of pancreas, stomach, gallbladder, colon, ovaries, cervix and endometrium. The highest diagnostic sensitivities, according to current studies, are found for carcinomas of the gastrointestinal tract and ovaries. Although some benign diseases such as rheumatic diseases or ovary cysts may also result in elevated levels of CA 72-4, clinical studies demonstrated diagnostic specificity of more than 95% for gastrointestinal and ovarian malignancies. There is a good correlation between CA 72-4 levels and tumor stage and size. CA 72-4 is the marker of choice for the therapeutic monitoring and follow-up care of gastrointestinal cancer patients. Suitable second markers are CA 19-9 or CEA. It has been used as an independent marker for the therapeutic monitoring and follow-up care of ovarian cancer patients, in particular in CA 125 negative patients.
Applications	Diagnostic Controls; Calibrators & Standards; Immunoassays; Clinical Chemistry; Testing/Assay Validation; Life Science; ELISA; Blotting; Manufacturing; Tumor Markers
Synonyms	CA 72-4; Cancer Antigen 72-4

Product Information

Species	Human
Source	Human Liver Metastases
Appearance	Clear and colorless
Form	Liquid in phosphate buffered saline, pH 7.4 with sucrose and 0.05% sodium azide
Purity	> 90% (SDS-PAGE)
Activity	> 100 kU/mL

Storage and Shipping Information

Storage	Store at -20°C
Stability	2 years