

## CA-125 Antigen

### ORDERING INFORMATION

**Catalog No.:** 3350

**Format:** 250kIU (approx. 2mg) in PBS, pH 7.4, 3% sucrose, and 0.05% sodium azide.

Companion product to CA-125 monoclonal antibodies #3330, 3345, and 3346.

### BACKGROUND

CA-125 (cancer antigen 125, carcinoma antigen 125, or carbohydrate antigen 125) also known as mucin 16 or MUC16 is encoded by the *MUC16* gene in humans. MUC16 is a member of the mucin family of glycoproteins. CA-125 is most consistently elevated in epithelial ovarian cancer, but can be expressed in a number of gynecologic (endometrial, fallopian tube) and non-gynecologic (pancreatic, breast, colon and lung) cancers. It may also be elevated in cases of benign abnormalities such as endometriosis.

### SPECIFICATION SUMMARY

CA-125 purified from human adenocarcinoma; tissue donor tested negative for antibodies to HBsAg, HIV-1, and HIV-2 and negative for HCV and syphilis.

Identity of product confirmed by reactivity with specific anti-CA-125 monoclonal antibody.

### STORAGE AND STABILITY

This product is stable for at least one (1) year at -20oC. Store in appropriate aliquots to avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not intended for therapeutic or diagnostic applications.*