



## Native Human $\alpha$ Thrombin (DAG-WT1260)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

**Specificity**  $\geq 2,800$  NIH U/mg protein

**Purity**  $> 90\%$  as determined by SDS-PAGE

**Conjugate** N/A

**Applications** Immunoassays

**Molecular Weight** 36000

**Bio-activity** Report NIH U/mg solid or NIH U/vial

**Format** Lyophilized

**Size** 250 un, 1000 un

**Buffer** 50 mM sodium citrate, 0.2 M NaCl, 0.1% PEG-8000, pH 6.5

**Preservative** None

**Storage** Store at 2-8°C.

### BACKGROUND

**Introduction** Alpha-thrombin is a highly specific serine protease generated by proteolytic activation of the zymogen prothrombin. During coagulation, thrombin cleaves fibrinogen to form fibrin, leading to the ultimate step in coagulation, the formation of a fibrin clot.

**Keywords** Thrombin; alpha thrombin; Coagulation factor II

### GENE INFORMATION

