

Human Tryptase/TPSAB1,B2 AccuSignal ELISA Kit - KOA0539

Code: KOA0539

Size: 1 Kit

Product Description: Human Tryptase/TPSAB1,B2 AccuSignal ELISA Kit - KOA0539

PhysicalState:

Label	Unconjugated
Gene Name	Tryptase
Species Reactivity	Human
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	Tryptase-1, Tryptase1, Tryptase 1, TPS1, TPS2, TPSB1, Tryptase-2, Tryptase2, Tryptase 2, Tryptase-II, TryptaseII, Tryptase II, TPSB2, Tryptase alpha/beta-1, Tryptase beta-2
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 10000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml, 156pg/ml human Tryptase standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each human Tryptase standard solution and each sample be measured in duplicate.
Background	Tryptases are serine proteases implicated in asthma and are highly expressed in human mast cells. They are derived from at least 4 nonallelic genes clustered on chromosome 16p13.3: TPSAB1, which represents the alpha and beta-I tryptase alleles; TPSB2, which represents the beta-II and beta-III tryptase alleles; TPSG1; and TPSD1. Elevated levels of serum tryptase occur in both anaphylactic and anaphylactoid reactions, but a negative test does not exclude anaphylaxis. Tryptase is less likely to be elevated in food allergy reactions as opposed to other causes of anaphylaxis.
Purity And Specificity	Natural and recombinant human Tryptase. There is no detectable cross-reactivity with other relevant proteins.
ELISA	156pg/ml-10000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: NSO; Immunogen sequence: M1-V275
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - Q15661

<http://www.uniprot.org/uniprot/Q15661>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_003285.2

GeneID - 7177

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=7177>

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