Proteasome Subunit Alpha Type 5 (PSMalpha5) ELISA Kit for Bovine

PRODUCT OVERVIEW

Product Name	Proteasome Subunit Alpha Type 5 (PSMalpha5), ELISA Kit
Full Product Name	Bovine Proteasome Subunit Alpha Type 5 ELISA Kit
Product Gene Name	PSMalpha5 elisa kit
Species Reactivity	Bovine
Assay Type	Quantitative Sandwich
Detection Range	0.625ng/ml-20ng/ml.
Sensitivity	0.1ng/ml.
Specificity	No significant cross-reactivity or interference between this analyte and analogues is observed.
Preparation and Storage	Store all reagents at 2-8 degree C
Inter-assay Precision	Inter-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100].
Intra-assay Precision	Intra-assay CV (%) is less than 15%.
Related Product Information for PSMalpha5 elisa kit	Background/Introduction: This Quantitative Sandwich ELISA kit is only for in vitro research use only! This kit is intended to be used for determination the level of PSMA5 (hereafter termed "analyte") in undiluted original Bovine body fluids, tissue homogenates, secretions or feces samples. This kit is NOT suitable for assaying non-biological sources of substances.
Other Notes	Small volumes of PSMalpha5 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PSMalpha5 purchase	MBS097047 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Proteasome Subunit Alpha Type 5 (PSMalpha5) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing PSMalpha5. The ELISA analytical biochemical technique of the MBS097047 kit is based on PSMalpha5 antibody-PSMalpha5 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect PSMalpha5 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, PSMalpha5. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PSMalpha5. It may not necessarily be applicable to this product.

NCBI GI #	638272966
NCBI GeneID	103182489
NCBI Accession #	NP_001279578.1
GenBank Nucleotide #	NM_001292649.1
NCBI Official Full Name	proteasome (prosome, macropain) subunit, alpha type, 5
NCBI Official Symbol	psma5
Protein Family	Probable proteasome

NCBI Protein Information	proteasome (prosome, macropain) subunit, alpha type, 5; proteasome (prosome, macropain) subunit, alpha type, 5; proteasome subunit alpha type-5
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