

Chicken Melanocyte protein PMEL ELISA Kit | PMEL elisa kit

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CATALOG #
AAA13338

REACTIVITY
Chicken

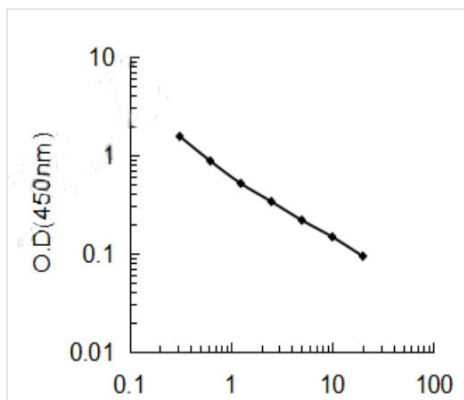
PRODUCT SYNONYMS

Melanocyte protein PMEL; Chicken Melanocyte protein PMEL ELISA Kit; 115 kDa melanosomal matrix protein; Melanocyte protein Pmel 17; Premelanosome protein; Silver locus protein homolog; PMEL; MMP115; PMEL17; SILV; PMEL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	Recombinant and natural Chicken Melanocyte protein PMEL
Sequence Length	763
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.124 ng/mL
Intra-assay Precision	<=5.6%
Inter-assay Precision	<=9.3%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PMEL elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen, During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55925599
NCBI GeneID	396007
NCBI Accession #	NP_990443.2
NCBI GenBank Nucleotide #	NM_205112.2
UniProt Accession #	Q98917; Q6DW60; Q6DW61; Q6DW62; Q6DW63; Q6DW64; Q6DW65
Molecular Weight	77,038 Da
NCBI Official Full Name	melanocyte protein PMEL
NCBI Official Synonym Full Names	premelanosome protein
NCBI Official Symbol	PMEL
NCBI Official Synonym Symbols	SILV; MMP115
NCBI Protein Information	melanocyte protein PMEL
UniProt Protein Name	Melanocyte protein PMEL
UniProt Gene Name	PMEL
UniProt Synonym Gene Names	MMP115; PMEL17; SILV
UniProt Entry Name	PMEL_CHICK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.