

Human Melanocyte protein PMEL ELISA Kit | PMEL elisa kit

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CATALOG #
AAA310189

REACTIVITY
Human

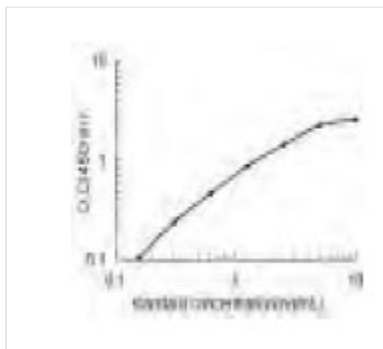
PRODUCT SYNONYMS

Melanocyte protein PMEL; Human Melanocyte protein PMEL ELISA Kit; ME20-M; ME20M; Melanocyte protein Pmel 17; Melanocytes lineage-specific antigen GP100; Melanoma-associated ME20 antigen; P1; P100; Premelanosome protein; PMEL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural General target antigen. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.078 ng/mL
Intra-assay Precision	<=5.5%
Inter-assay Precision	<=8.6%
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PMEL elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antibody biotin- conjugated antigen and enzyme-conjugated Avidin will exhibit a change in color. 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 general target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	318037593
NCBI GeneID	6490
NCBI Accession #	NP_001186982.1
NCBI GenBank Nucleotide #	NM_001200053.1
UniProt Accession #	P40967; Q12763; Q14448; Q14817; Q16565; B3KS57; B7Z6D7
Molecular Weight	66,729 Da
NCBI Official Full Name	melanocyte protein PMEL isoform 2
NCBI Official Synonym Full Names	premelanosome protein
NCBI Official Symbol	PMEL
NCBI Official Synonym Symbols	P1; SI; SIL; ME20; P100; SILV; ME20M; gp100; ME20-M; PMEL17; D12S53E
NCBI Protein Information	melanocyte protein PMEL
UniProt Protein Name	Melanocyte protein PMEL
UniProt Gene Name	PMEL
UniProt Synonym Gene Names	D12S53E; PMEL17; SILV; ME20M; ME20-S; ME20S

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.