

Human PCBD2 (Pterin-4-alpha-carbinolamine dehydratase 2) ELISA Kit | PCBD2 elisa kit

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CATALOG #
AAA249346

REACTIVITY
Human

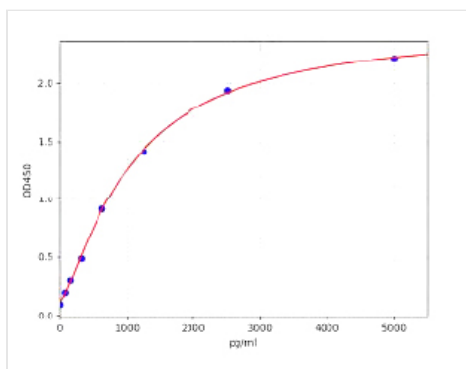
PRODUCT SYNONYMS

PCBD2 (Pterin-4-alpha-carbinolamine dehydratase 2); Human PCBD2 (Pterin-4-alpha-carbinolamine dehydratase 2) ELISA Kit; DcoH like protein DCoHm; DCOH2; DCOHM; PCBD2; PHS 2; PHS2; PCBD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PCBD2. No significant cross-reactivity or interference between PCBD2 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCBD2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134133240
NCBI GeneID	84105
NCBI Accession #	NP_115527.3
NCBI GenBank Nucleotide #	NM_032151.4
UniProt Accession #	Q9H0N5; Q8TD40
Molecular Weight	14,365 Da
NCBI Official Full Name	pterin-4-alpha-carbinolamine dehydratase 2
NCBI Official Synonym Full Names	pterin-4 alpha-carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 2
NCBI Official Symbol	PCBD2
NCBI Official Synonym Symbols	PHS2; DCOH2; DCOHM
NCBI Protein Information	pterin-4-alpha-carbinolamine dehydratase 2; PHS 2; DcoH-like protein DCoHm; HNF-1-alpha dimerization cofactor; pterin-4 alpha-carbinolamine dehydratase 2; 4-alpha-hydroxy-tetrahydropterin dehydratase 2; dimerization cofactor of hepatocyte nuclear factor 1
UniProt Protein Name	Pterin-4-alpha-carbinolamine dehydratase 2
UniProt Gene Name	PCBD2
UniProt Synonym Gene Names	DCOH2; DCOHM; PHS 2
UniProt Entry Name	PHS2_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/pcbd2-pterin-4-alpha-carbinolamine-dehydratase-2/249346>