

Human Pyridine Nucleotide-Disulfide Oxidoreductase Domain-Containing Protein 1 (PYROXD1) ELISA Kit | PYROXD1 elisa kit

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CATALOG # AAA331197	REACTIVITY Human
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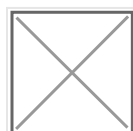
PRODUCT SYNONYMS

Pyridine Nucleotide-Disulfide Oxidoreductase Domain-Containing Protein 1 (PYROXD1); Human Pyridine Nucleotide-Disulfide Oxidoreductase Domain-Containing Protein 1 (PYROXD1) ELISA Kit; PYROXD1; FLJ22028; PYROXD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1 (PYROXD1) ELISA Kit has high sensitivity and excellent specificity for detection of Human PYROXD1. No significant cross-reactivity or interference between Human PYROXD1 and analogues was observed.
Sequence Length	500
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1 (PYROXD1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PYROXD1 elisa kit	Description: This Human Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1 (PYROXD1) ELISA Kit employs a two-site sandwich ELISA to quantitate PYROXD1 in samples. An antibody specific for PYROXD1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PYROXD1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PYROXD1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PYROXD1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PYROXD1 Belongs to the class-I pyridine nucleotide-disulfide oxidoreductase family. In biochemistry, an oxidoreductase is an enzyme that catalyzes the transfer of electrons from one molecule (the reductant, also called the hydrogen or electron donor) to another (the oxidant, also called the hydrogen or electron acceptor). This group of enzymes usually utilizes NADP or NAD as cofactors. Proper names of oxidoreductases are formed as "donor:acceptor oxidoreductase"; however, other names are much more common. The common name is "donor dehydrogenase" when possible, such as glyceraldehyde-3-phosphate dehydrogenase for the second reaction above. Common names are also sometimes formed as "acceptor reductase", such as NAD+ reductase. "Donor oxidase" is a special case where O2 is the acceptor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51036596
NCBI GeneID	79912
NCBI Accession #	NP_079130.2
NCBI GenBank Nucleotide #	NP_079130.2
UniProt Accession #	Q8WU10
NCBI Official Full Name	pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	pyridine nucleotide-disulphide oxidoreductase domain 1
NCBI Official Symbol	PYROXD1
NCBI Official Synonym Symbols	MFM8
NCBI Protein Information	pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1
UniProt Protein Name	Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1
UniProt Gene Name	PYROXD1
UniProt Entry Name	PYRD1_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.