

Human PTPN13-Like Protein, Y-Linked (PRY) ELISA Kit | PRY elisa kit

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CATALOG #
AAA331276

REACTIVITY
Human

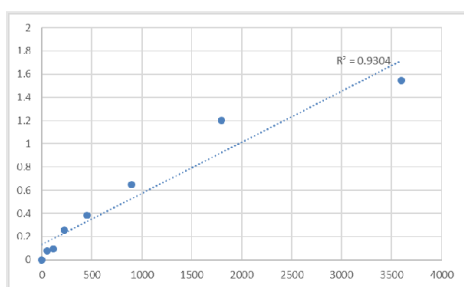
PRODUCT SYNONYMS

PTPN13-Like Protein; Y-Linked (PRY); Human PTPN13-Like Protein; Y-Linked (PRY) ELISA Kit; PRY; PRY1; PTPN13LY; testis-specific PTP-BL-related protein on Y; PRY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human PTPN13-like protein, Y-linked (PRY) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRY. No significant cross-reactivity or interference between Human PRY and analogues was observed.
Sequence Length	147
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 PTPN13-like protein, Y-linked (PRY) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRY elisa kit	Description: This Human PTPN13-like protein, Y-linked (PRY) ELISA Kit employs a two-site sandwich ELISA to quantitate PRY in samples. An antibody specific for PRY has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRY present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRY 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 PRY bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PRY is located in the nonrecombining portion of the Y chromosome, and expressed specifically in testis. It encodes PTPN13-like, Y-linked protein which has a low degree of similarity to protein tyrosine phosphatase, non-receptor type 13. Two nearly identical copies of this gene exist within a palindromic region. This record represents the more telomeric copy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50959167
NCBI GeneID	442862
NCBI Accession #	NP_001002758.1
NCBI GenBank Nucleotide #	NP_001002758.1
UniProt Accession #	O14603
NCBI Official Full Name	PTPN13-like protein, Y-linked
NCBI Official Synonym Full Names	PTPN13 like Y-linked 2
NCBI Official Symbol	PRY2
NCBI Official Synonym Symbols	PTPN13LY2
NCBI Protein Information	PTPN13-like protein, Y-linked
UniProt Protein Name	PTPN13-like protein, Y-linked
UniProt Gene Name	PRY
UniProt Synonym Gene Names	PRY1; PTPN13LY PRY2 ; PTPN13LY2 PRYP3 PRYP4
UniProt Entry Name	PRY_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.