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Product datasheet for EA200035

Human FGFR2 ELISA Kit 1 x 96

Product data:

Product Type:	ELISA Kits
Description:	Human FGFR2 ELISA Kit 1 x 96
Size:	1 x 96 wells
Format:	8x12 divisible strips
Assay Type:	Sandwich
Assay Length:	3.5 hours incubations; 0.5 hour washing and analyzing samples
Signal:	Colorimetric
Curve Range:	15.6-1000pg/ml
Sample Type:	Human serum, plasma, and other biological fluids.
Sample Volume:	100µl
Specificity:	This kit is used for quantitative detection of FGFR2
Sensitivity:	5.81pg/ml
Reactivity:	Human
Cross Reactivity:	There is no detectable cross-reactivity with other relevant proteins.
Interference:	No significant interference observed with available related molecules.
Components:	• FGFR2 Monoclonal Antibody Coated 96-well Plate in foil pouch with desiccant|1 plate • Human FGFR2 Standard (50ng/ml)|0.1 mL • 100x Biotin conjugated FGFR2 Detection Antibody|0.12 mL • 100x SA-HRP Conjugate|0.12 mL • Assay Buffer|40 mL • Sample Diluent|20 mL • Wash Buffer Concentrate 20X|60 mL • TMB Substrate|12 mL • Stop Solution|12 mL • Plate Sealer|3 pieces

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Background: FGFR2 (fibroblast growth factor receptor 2) encoded by FGFR2 gene, also known as CD332. FGFR2 interacts with FGF1 and is a receptor tyrosine kinase that induces proliferation and migration. It plays important roles in embryonic development and tissue repair, especially bone and blood vessels. FGFR2 mutations are the cause of several craniosynostosis syndromes. FGFR2 deregulations have been shown in cancers. FGFR2 amplification may play important roles in tumor progression. Amplification or activation of FGFR2 has been reported in breast cancer, gastric cancer. and cholangiocarcinoma. In addition, FGFR2 mutations have been observed in endometrial cancer and breast cancer. FGFR2 has been used as a predictive biomarker in cholangiocarcinoma targeted therapy.

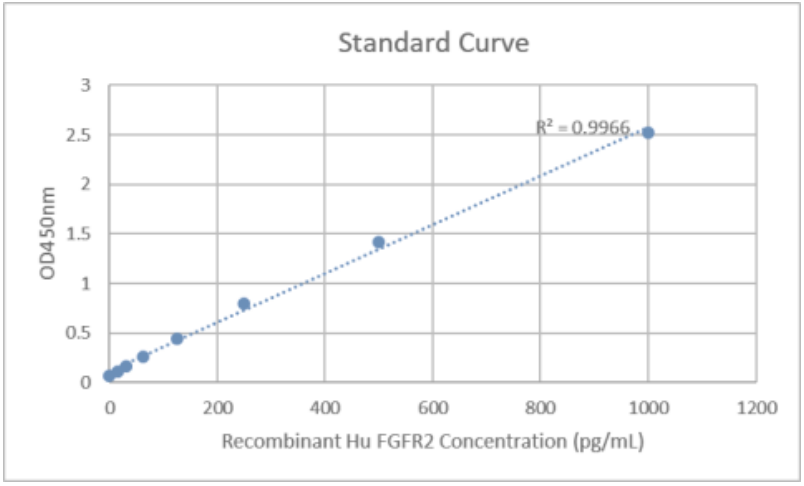
Gene Symbol: FGFR2

Gene ID: 2263

Standard Curve:

Data image of Human FGFR2 ELISA Kit.

Product images:



Data image of Human FGFR2 ELISA Kit.