

## Product datasheet for **EA200036**

### Human FGFR3 ELISA Kit 1 x 96

#### Product data:

Product Type:	ELISA Kits
Description:	Human FGFR3 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:	62.5-4000pg/ml
Sample Type:	Human serum, plasma, and other biological fluids.
Sample Volume:	100µl
Specificity:	This kit is used for quantitative detection of FGFR3
Sensitivity:	25.35pg/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:	<ul style="list-style-type: none"><li>● FGFR3 Monoclonal Antibody Coated 96-well Plate in foil pouch with desiccant   1 plate</li><li>● Human FGFR3 Standard (200ng/ml)   0.1 mL</li><li>● 100x Biotin conjugated FGFR3 Detection Antibody   0.12 mL</li><li>● 100x SA-HRP Conjugate   0.12 mL</li><li>● Assay Buffer   40 mL</li><li>● Sample Diluent   20 mL</li><li>● Wash Buffer Concentrate 20X   60 mL</li><li>● TMB Substrate   12 mL</li><li>● Stop Solution   12 mL</li><li>● Plate Sealer   3 pieces</li></ul>



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**Background:**

Fibroblast growth factor receptor 3 (FGFR3) encoded by the FGFR3 gene, also known as CD333. FGFR3 is expressed in tissues such as the cartilage, brain, intestine, and kidneys. It interacts with fibroblast growth factors and is involved in a variety of processes, including cell proliferation, differentiation, migration, bone development and maintenance. Defects in the FGFR3 gene has been associated with several conditions, including craniosynostosis and seborrhic keratosis. FGFR3 mutations have been linked with spermatocytic tumor. In addition, mutations of FGFR3, FGFR3-TACC3 and FGFR3-BAIAP2L1 fusion proteins are frequently associated with bladder cancer. FGFR3 is a potential noninvasive diagnostic biomarker for bladder cancer recurrence, and potential biomarker for overall survival (OS) in patients with non-small cell lung cancer (NSCLC).

**Gene Symbol:**

FGFR3

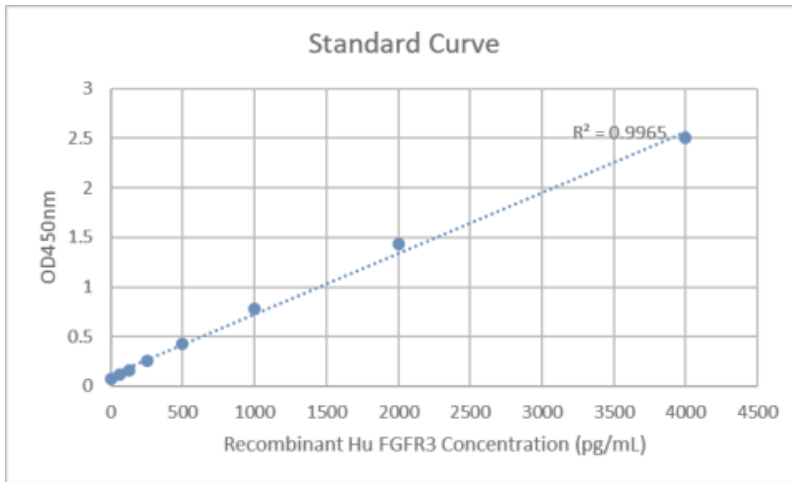
**Gene ID:**

2261

**Standard Curve:**

□

Data image of Human FGFR3 ELISA Kit.

**Product images:**


Data image of Human FGFR3 ELISA Kit.