

## Product datasheet for EA200022

### Human MAGEA4 ELISA Kit 1 x 96

#### Product data:

Product Type:	ELISA Kits
Description:	Human MAGEA4 ELISA Kit 1 x 96
Size:	1 x 96 wells
Format:	8x12 divisible strips
Assay Type:	Sandwich
Assay Length:	4 hours incubations; 30min washing and analyzing samples
Signal:	Colorimetric
Curve Range:	156pg/ml-10000pg/ml
Sample Type:	Human serum, plasma and other biological fluids
Sample Volume:	100µl
Specificity:	This kit is used for quantitative detection of Human MAGEA4
Sensitivity:	33.5pg/ml
Reactivity:	Human
Cross Reactivity:	Minimal cross-reactivity (about 6.6%) with recombinant human MAGEA4 protein. No significant cross-reactivity with other MAGEA family proteins.
Interference:	No significant interference observed with available related molecules.
Components:	<ul style="list-style-type: none"><li>● MAGEA4 Antibody Coated 96-well Plate in foil pouch with desiccant   1 plate</li><li>● Recombinant HumanMAGEA4 Standard (500ng/ml)   0.1 mL</li><li>● 100x Biotinylated Human MAGEA4 Detection Antibody   0.12 mL</li><li>● 100x Peroxidase Conjugate   0.12 mL Assay Buffer   30 mL</li><li>● Standard Diluent   10 mL</li><li>● Sample Diluent1   15 mL</li><li>● Sample Diluent2   15 mL</li><li>● Wash Buffer Concentrate 20X   60 mL</li><li>● TMB Substrate   12 mL</li><li>● Stop Solution   12 mL</li></ul>



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**Background:**

Human melanoma-associated antigen 4 (MAGEA4) is a protein encoded by MAGEA4 gene. This gene is a member of the MAGEA gene family. The members of this gene family encode proteins with 50 to 80% sequence identity to each other. MAGEA4 is highly expressed in a variety of cancers such as melanoma, bladder, breast, head and neck, oral, liver and lung cancers, but not in normal tissues except for testes and placenta. There is significant correlation between MAGEA4 protein expression and tumor invasion.

**Gene Symbol:**

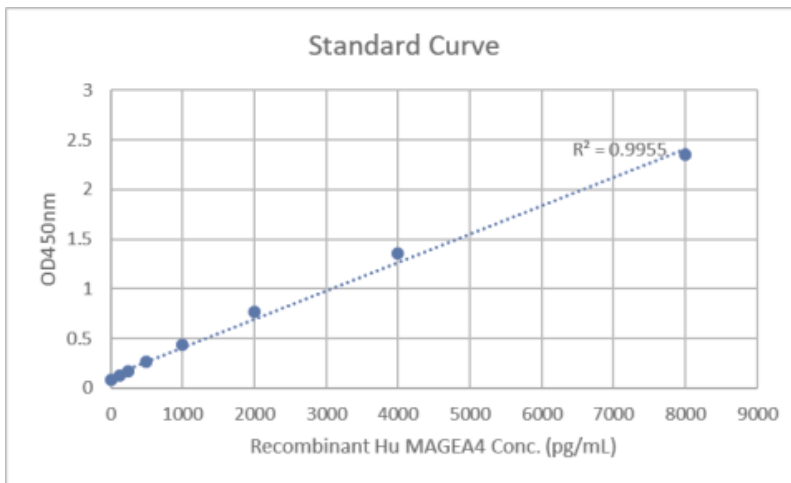
MAGEA4

**Gene ID:**

4103

**Standard Curve:**

□  
MAGEA4 ELISA Kit data image.

**Product images:**


MAGEA4 ELISA Kit data image.