

## Product datasheet for **EA200043**

### Human ERG ELISA Kit 1 x 96

#### Product data:

Product Type:	ELISA Kits
Description:	Human ERG 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:	0.156-10ng/ml
Sample Type:	Human serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Sample Volume:	100µl
Specificity:	This kit is used for quantitative detection of ERG
Sensitivity:	66pg/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>• ERG Monoclonal Antibody Coated 96-well Plate in foil pouch with desiccant   1 plate</li><li>• Human ERG Standard (500ng/ml)   0.1 mL</li><li>• 100x Biotin conjugated ERG Detection Antibody   0.12 mL</li><li>• 100x SA-HRP Conjugate   0.12 mL</li><li>• Assay Buffer   40 mL</li><li>• Sample Diluent   30 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:**

ERG (ETS-related gene) is an oncogene. ERG is a member of the ETS (erythroblast transformation-specific) family of transcription factors. The ERG gene encodes for a protein, also called ERG, that functions as a transcriptional regulator. Genes in the ETS family regulate embryonic development, cell proliferation, differentiation, angiogenesis, inflammation, and apoptosis. ERG is required for platelet adhesion to the subendothelium and regulates hematopoiesis. ERG may act as a regulator of differentiation of early hematopoietic cells. ERG overexpression has been implicated in a diverse number of cancers, including prostate cancer, Ewing's sarcoma and acute myeloid leukemia.

**Gene Symbol:**

ERG

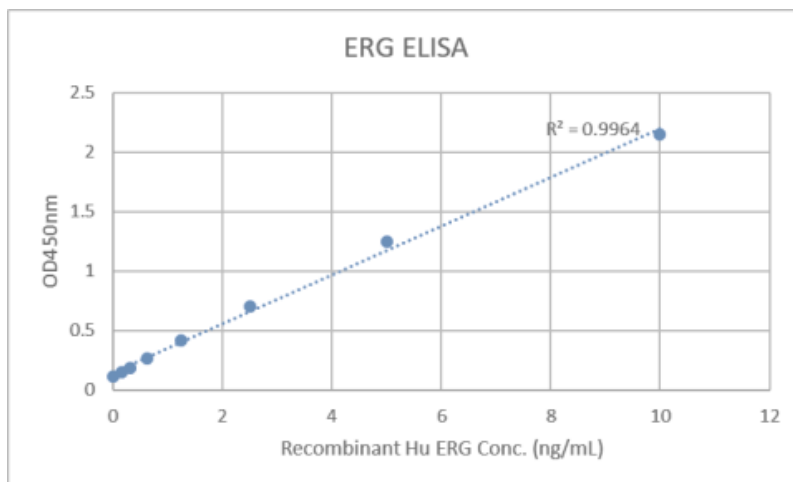
**Gene ID:**

2078

**Standard Curve:**

□

Data image of Human ERG ELISA Kit.

**Product images:**

Data image of Human ERG ELISA Kit.