

Product datasheet for **EA100223**

FasI

Product data:

Product Type:	ELISA Kits
Description:	Human FASL ELISA Kit
Size:	1 x 96 wells
Assay Type:	Sandwich ELISA kit of Quantitative Detection for Human FASL
Assay Length:	3.5 hours incubations; 1 hour washing and analyzing samples
Signal:	Colorimetric
Curve Range:	15.6pg/ml-1000pg/ml
Sample Type:	Cell culture supernates, serum and plasma(heparin, EDTA, citrate).
Sample Volume:	100 ul
Specificity:	This kit is used for quantitative detection of human FASL
Sensitivity:	<2pg/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">● 96-well plate precoated with anti- human FASL antibody 1● Lyophilized recombinant human FASL standard 10ng/tubex2● Biotinylated anti- human FASL antibody 130ul(dilution 1:100)● Avidin-Biotin-Peroxidase Complex(ABC) 130ul(dilution 1:100)● Sample diluent buffer 30ml● Antibody diluent buffer 12ml● ABC diluent buffer 12ml● TMB color developing agent 10ml● TMB stop solution 10ml



[View online »](#)

Background:

Fas ligand(FasL or CD95L) is a type-II transmembrane protein that belongs to the tumor necrosis factor(TNF) family. Its binding with its receptor induces apoptosis. The human FASL gene consists of approximately 8 kb and is split into 4 exons. Fas ligand/receptor interactions play an important role in the regulation of the immune system and the progression of cancer. Fas ligand or FasL is a homotrimeric type II transmembrane protein. It signals through trimerization of FasR, which spans the membrane of the "target" cell. This trimerization usually leads to apoptosis, or cell death. Soluble Fas ligand is generated by cleaving membrane-bound FasL at a conserved cleavage site by the external matrix metalloproteinase MMP-7.

Gene Symbol:

Fasl

Gene ID:

14103