

# Product Datasheet

## Mouse CD30 Ligand/TNFSF8 ELISA Kit (Colorimetric) KA0550

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**KA0550****Mouse CD30 Ligand/TNFSF8 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

<b>Product Description</b>	
<b>Description</b>	Quality control test: Standard curve. Tnfsf8 (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Tnfsf8.
<b>Gene ID</b>	944
<b>Gene Symbol</b>	TNFSF8
<b>Species</b>	Mouse
<b>Kit Components</b>	Lyophilized recombinant mouse CD30L standard: 10ng/tube×2., One 96-well plate precoated with anti- mouse CD30L antibody., Sample diluent buffer: 30 ml, Biotinylated anti- mouse CD30L antibody : 130µl, dilution 1:100., Antibody diluent buffer: 12ml., Avidin-Biotin-Peroxidase Complex (ABC) : 130µl, dilution 1:100., ABC diluent buffer: 12ml., TMB color developing agent: 10ml., TMB stop solution: 10ml.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	15.6 to 1000 pg/mL
<b>Sensitivity</b>	1 pg/mL
<b>Assay Type</b>	Sandwich ELISA
<b>Suitable Sample Type</b>	Body Fluid, Cell Culture Supernatant, Serum, Tissue Lysate
<b>Sample Volume</b>	100 uL

<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification

**Publications**

Croager EJ, Abraham LJ. Characterisation of the human CD30 ligand gene structure. Biochim Biophys Acta. 1997-09-12 [PMID: 9349718]

Smith CA, Gruss HJ, Davis T et al. CD30 antigen, a marker for Hodgkin's lymphoma, is a receptor whose ligand defines an emerging family of cytokines with homology to TNF. Cell. 1993-07-02 [PMID: 8391931]

Cerutti A, Schaffer A, Goodwin RG et al. Engagement of CD153 (CD30 ligand) by CD30+ T cells inhibits class switch DNA recombination and antibody production in human IgD+ IgM+ B cells. J Immunol. 2000-07-15 [PMID: 10878352]





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### **Products Related to KA0550**

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210-TA-005	TNF-alpha [Unconjugated]
AF1028	CD30 Ligand/TNFSF8 Antibody [Unconjugated]
M6000B-1	IL-6 [HRP]
6507-IL-010/CF	IL-4 [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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