

# Product Datasheet

## Mouse IgG1 ELISA Kit (Colorimetric) KA1011

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**KA1011****Mouse IgG1 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>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Species</b>	Mouse
<b>Reactivity Notes</b>	Mouse
<b>Kit Components</b>	Goat anti-mouse IgG Microtiter Plate: A plate using break-apart strips coated with goat antibody specific to mouse IgG., Assay Buffer 13 Concentrate: Tris buffered saline containing proteins and detergents., Mouse IgG1 Conjugate*: A blue solution of goat anti-mouse IgG1 conjugated to Horseradish peroxidase., Wash Buffer Concentrate: Tris buffered saline containing detergents., Mouse IgG1 Standard: A solution of 5,000 ng/mL mouse IgG1., TMB Substrate: A solution of 3,3',5,5' tetramethylbenzidine (TMB) and hydrogen peroxide. Ready to use. Protect from prolonged exposure to light., Stop Solution 2: A 1N solution of hydrochloric acid in water. Keep tightly capped. Caution: Caustic., Plate Sealer
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	7.81 to 250 ng/mL
<b>Sensitivity</b>	1.79 ng/mL
<b>Inter Assay</b>	CV% < 5.06%
<b>Intra Assay</b>	CV% < 3.86%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	104.05%
<b>Suitable Sample Type</b>	Serum, Tissue Culture Medium
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA
<b>Application Notes</b>	IgG1 (Mouse) ELISA Kit is a colorimetric immunometric enzyme immunoassay kit for the quantitative measurement of mouse IgG1 in culture supernatants and serum of mouse origin.



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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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