

## Product data sheet

<b>Product number</b>	000101A02H
<b>Antibody specificity</b>	Ig epsilon chain C region (IgE)
<b>Species reactivity</b>	Human
<b>UniProt</b>	P01854
<b>Clone number</b>	1A2
<b>Immunogen</b>	Recombinant human IgE
<b>Antibody isotype</b>	Mouse IgG1
<b>Antibody form</b>	Intact antibody labelled with horseradish peroxidase
<b>Concentration</b>	1 mg/ml in PBS containing 0.01% thimerosal as a preservative
<b>Cross-reactivity</b>	React with IgE purified from blood, not cross-react with recombinant human IgG1, IgG2, IgG3, IgG4, IgA and IgM
<b>Applications</b>	Detection antibody for sandwich ELISA (paired with 4C3), ELISA for IgE isotyping

These are applications that have been tested. It does not mean that the antibody cannot be used for other applications

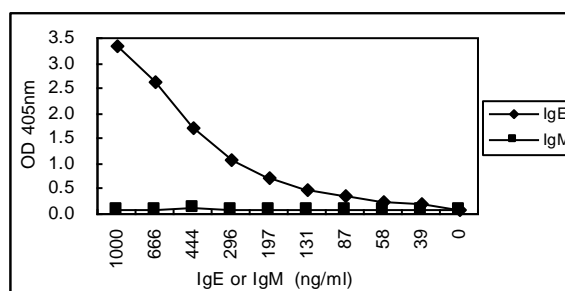


Figure 1. Sandwich ELISA using 4C3 coated plate and HRP conjugated 1A2.

<b>Suggested working concentrations</b>	ELISA: 1/1000 Sandwich ELISA: 1/1000  Optimal concentrations should be determined by the end user
<b>Preparation</b>	IgG is purified through a Protein A column and labelled with horseradish peroxidase
<b>Store</b>	4 °C for 1 month, -20 °C or -80°C in aliquots. Avoid repeated freeze/thaw cycles
<b>Safety information</b>	This product contains thimerosal which is hazardous