



## Quantitative Human IgA ELISA

**ZMC Catalog #: 0801197**

**FOR RESEARCH USE ONLY. Not for *in vitro* Diagnostic Use**

### **INTENDED USE**

The IMMUNO-TEK Human IgA ELISA Kit is a rapid, easy to use enzyme-linked immunosorbent assay (ELISA) designed for the measurement of human IgA in serum, plasma, hybridoma cell supernatants, ascites or other biological fluids. The kit is especially useful in monitoring the production and purification of human monoclonal antibodies. The assay contains ready-to-use reagents and takes less than two hours to perform.

**The IMMUNO-TEK Human IgA ELISA Kit is for Research Purposes Only.**

### **PRINCIPLE OF THE TEST**

Microwells coated with polyclonal antibodies to human IgA form the capture phase of the assay. Captured human IgA then reacts with detector antibody which is a polyclonal anti-human IgA conjugated with horseradish peroxidase. Enzyme activity in the wells is then quantified using tetramethyl benzidine as a substrate.

### **REAGENTS**

#### **Materials Supplied:**

- Microplate, (1x96 well):** Strips coated with purified goat anti-human IgA
- Detector Antibody (12 ml):** Contains conjugated goat anti-human IgA peroxidase
- Human IgA Standard (5 ml):** Contains human IgA and assay diluent
- Assay Diluent (100 ml):** Contains PBS, Triton X-100® and 2-chloroacetamide
- Plate Wash Buffer (125 ml):** Contains PBS, Tween 20® and 2-chloroacetamide
- Substrate (12 ml):** Contains Tetramethyl Benzidine (TMB)
- Stop Solution (12 ml):** Proprietary formulation
- Microtiter Plate Sealers (1 pk):** 10 sealers per pack
- Plastic Bag (1 bag):** For storage of unused microtiter plate strips

® Triton X-100 is a registered trademark of Rohm and Haas. Tween 20 is a registered trademark of Imperial Chemical Industries.

#### **Storage:**

Store all kit reagents at 2-8 ° C. Do not freeze.

Page 2

Trial Version