



**Diaclone**

# ELISA

**Specific & Sensitive**

# Immunoassay



**SPECIFICITY & SENSITIVITY  
REPRODUCIBILITY & RELIABILITY  
FAST TRACK YOUR RESEARCH**

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## SPECIFIC ANALYTE DETECTION

Diaclone ELISA (Enzyme Linked Immuno-Sorbent Assay) are highly sensitive assays designed for the *in-vitro* quantitative and qualitative determination of cytokines, CD antigens, apoptosis markers and other analytes from human serum, plasma and cell culture supernatant.

Utilising solid phase sandwich immuno-enzyme technology and high affinity antibodies Diaclone ELISA can be used to determine the concentration or presence of a specific analyte in biological fluids.

**1: A capture Antibody highly specific to the analyte to be detected has been coated to the wells of a 96 microtitre plate.**

**2: Standard, control or sample under test are added to wells in duplicate and the plate incubated for sufficient time to allow complete antibody binding.**

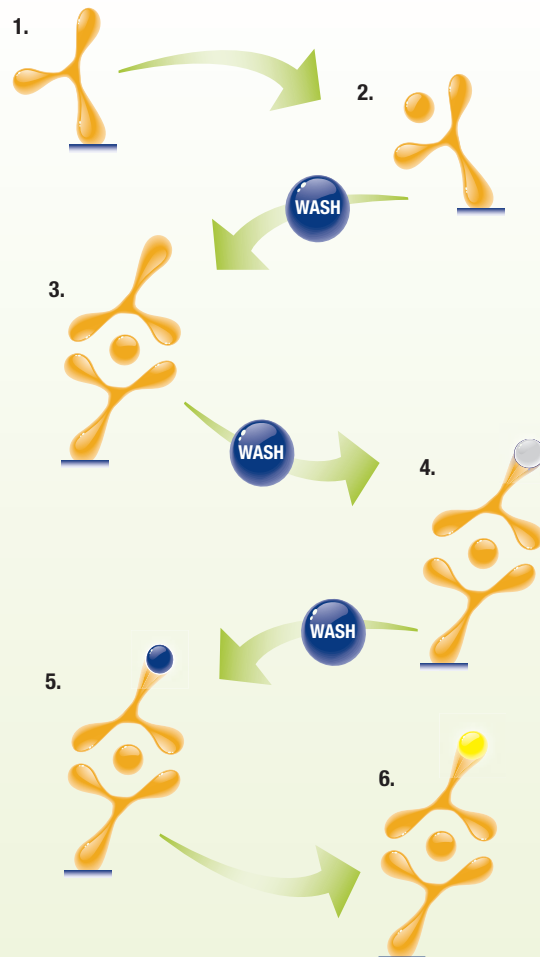
**3: Biotinylated anti-analyte antibody added to every well and incubated for sufficient time to allow complete binding.**

**Note: for most Diaclone ELISA kit methods steps 2 and 3 are combined in one phase.**

**4: Streptavidin-HRP solution is added to all wells and incubated as directed per kit.**

**5: Colour substrate solution reactive with HRP is added to each well and incubated as directed per kit.**

**6: Stop solution added to every well and the results determined which can be quantified using the appropriate analysis software and instrumentation (compatible with all available readers).**



### Key



## VALUABLE INVESTIGATIVE TOOL

These techniques are amongst the most sensitive available for analyte identification and quantification and benefit from a rapid whole-assay time and the provision of robustly validated standards, controls and antibodies.

With a large choice of kits including 'high sensitivity' kits (Some kits available as CE certified) Diaclone ELISA assays are a valuable investigation tool for a wide range of research areas.

## HIGH PERFORMANCE

- Highly Sensitive assay
- Fast Procedure
- Accuracy and reliability are guaranteed as all our reagents have been validated according to ISO 9001:2000 quality systems
- Recognises both Natural and Recombinant antigen Specificity
- No cross reactivity with other human cytokines tested
- Standard Calibration to NIBSC

## FLEXIBILITY

- Extensive antibody range across different species with high specificity and affinity for a number of different cytokines and soluble molecules
- Generated results can provide both qualitative and quantitative data
- Removable strip plates and multiple standards allow multiple assays from each kit
- Multiple standard dilution buffers to mimic sample composition
- ELISA reagents available in a number of formats from pre-coated kits for easy analysis and increased throughput to matched antibody pairs, a great tool for developing research

With the benefits of specific, sensitive, accurate and reliable measurement of cytokines and soluble molecules combined with the diversity of the product range, Diaclone ELISA is the clear choice to...

## Fast Track Your Research...

### Other Products Available:



Monoclonal  
Antibodies



ELISpot



Diaclone  
DIAPlex

With over 20 years experience and extensive expertise we are committed to providing excellence in Monoclonal Antibody and Immunoassay development. The expanding range of Diaclone immunology products is specifically designed to advance diagnostic and research applications.

## Distributor Details



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