

# *Therapeutic Drug and Biosimilar Monitoring ELISA*

**ASPIRE  
TO CURE**



Infliximab (Remicade®) | Infliximab (Remsima®) | Adalimumab (Humira®) | Etanercept (Enbrel®) | Golimumab (Simponi®) | Certolizumab (Cimzia®) | Vedolizumab (Entyvio®) | Ustekinumab (Stelara®) | Ramucirumab (Cyramza®) | Bevacizumab (Avastin®) | Rituximab (Rituxan®, Mabthera®) | Trastuzumab (Herceptin®, Herclon®) | Cetuximab (Erbix®) | Denosumab (Prolia®) | Anti-Filgrastim | Omalizumab (Xolair®) | Ranibizumab (Lucentis®) | Avelumab (Bavencio®) | Nivolumab (Opdivo®) | Pembrolizumab (Keytruda®) | Ipilimumab (Yervoy®)

# Assay Genie Therapeutic Drug Monitoring ELISA

The Assay Genie Therapeutic Antibody, Biosimilar & Anti-Drug Antibody (ADA) ELISA kits are a premium range of kits designed to detect free therapeutic antibodies, biosimilars and Anti-Drug Antibodies in serum & plasma samples.

These kits use the highest quality components and are manufactured under ISO 13485 quality systems.

## Key Features



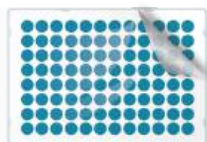
### Premium Quality Validated Assays

- Manufactured in Europe under ISO 13485 quality systems
- Kits for Research-Use-Only
- Inter and intra assay CV meet requirements for FDA & EMEA
- Validation, verification and lot release performed according to best-in-class scientific guidelines and literature



### Quantitative & Qualitative Screening Kits

- Quantitative ELISA kits for the measurement of the World's leading therapeutic antibodies & biosimilars
- Qualitative kits enabling the screening of deleterious ADAs
- Unique Dual kits allowing for the screening of ADAs and free therapeutic antibodies



### Optimized Format & Protocol

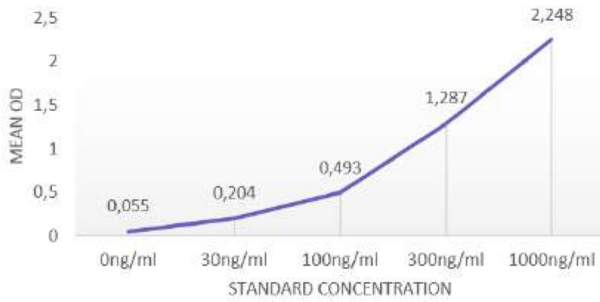
- Use as little as 10ul sample per well – excellent for clinical, mouse, rat & primate samples
- Get your results in as little as 55 minutes for some kits
- All kits shipped at room temperature



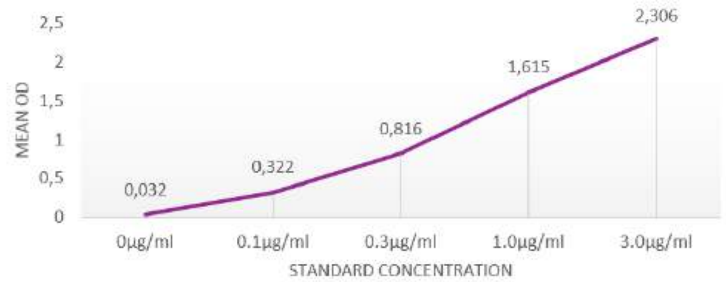
# Assay Genie Therapeutic Drug Monitoring ELISA

## Essential Data

### Adalimumab (Humira®) ELISA

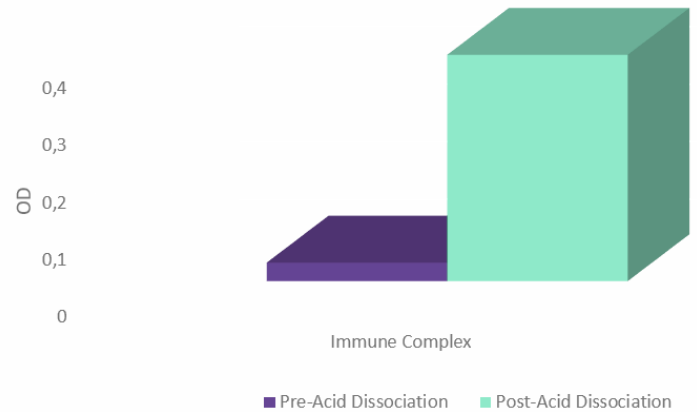
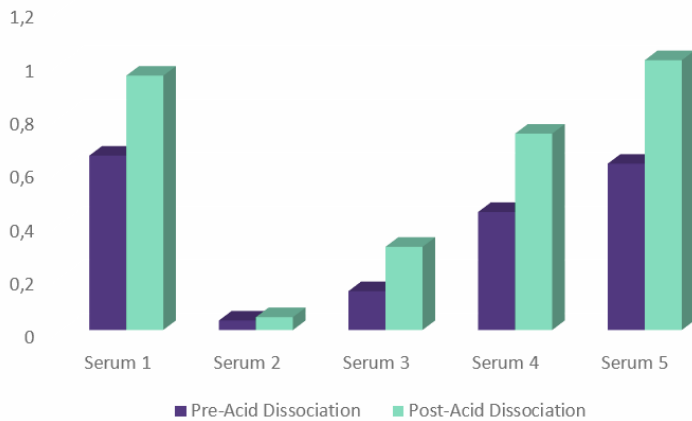


### Etanercept (Enbrel®) ELISA



**Figure 1:** Standard curves for Assay Genie Adalimumab (Humira) and Etanercept (Enbrel) Quantitative ELISA

### Assay Genie Anti-Adalimumab (Humira®) Free Drug / ADA Dual ELISA Drug Tolerant ELISA (#HUMB00012)



**Figure 2: Assay Genie Anti-Adalimumab (Humira®) Free Drug/ADA Dual ELISA Drug Tolerant Assay:** This unique kit enables the detection of Free and Total Anti-Drug Antibodies (ADA) to Adalimumab simultaneously on the same plate. OD values before acid treatment measure “free” ADA (Purple bars) and after acid treatment represent “total” ADA values (free and bound - Green bars). Increase in OD after acid treatment is indicative of Anti-Adalimumab antibodies complexed with Adalimumab that cannot be measured by classical double antigen ADA tests that typically measure “free” ADA.

**Figure 3: Assay Genie Anti-Adalimumab (Humira®) Free Drug/ADA Dual ELISA Drug Tolerant Assay:** The immune complex is composed of Adalimumab bound to an Anti-Adalimumab human monoclonal antibody at an equimolar ratio. This drug tolerant assay uses acid dissociation (Green Bar) to measure the levels of bound ADA that can otherwise not be measured by traditional drug sensitivity assays (Purple bar) as Adalimumab is in a complex with Anti-Adalimumab antibodies thus preventing detection.

# Assay Genie Therapeutic Antibodies, Biosimilar and ADA ELISA

Code	Product name
HUMB00001	Infliximab (Remicade®) ELISA
HUMB00002	Anti-Infliximab (Remicade®) ELISA
HUMB00003	Anti-Infliximab (Remicade®) ADA Quantitative ELISA
HUMB00004	Anti-Infliximab (Remicade®) Free Drug/ADA Dual ELISA
HUMB00005	Infliximab (Remsima®) ELISA
HUMB00007	Anti-Infliximab (Remsima®) ADA Quantitative ELISA*
HUMB00008	Anti-Infliximab (Remsima®) ADA Semi-Quantitative ELISA
HUMB00009	Adalimumab (Humira®) ELISA
HUMB00011	Anti-Adalimumab (Humira®) ADA Quantitative ELISA*
HUMB00012	Anti-Adalimumab (Humira®) Free Drug/ADA Dual ELISA
HUMB00013	Etanercept (Enbrel®) ELISA
HUMB00014	Anti-Etanercept (Enbrel®) ADA Qualitative ELISA
HUMB00015	Golimumab (Simponi®) ELISA
HUMB00016	Anti-Golimumab (Simponi®) ADA Qualitative ELISA
HUMB00017	Certolizumab (Cimzia®) ELISA
HUMB00018	Vedolizumab (Entyvio®) ELISA
HUMB00019	Anti-Vedolizumab (Entyvio®) ADA Qualitative ELISA
HUMB00020	Ustekinumab (Stelara®) ELISA
HUMB00021	Anti-Ustekinumab (Stelara®) ADA Qualitative ELISA
HUMB00022	Ramucirumab (Cyramza®) ELISA
HUMB00023	Anti-Ramucirumab (Cyramza®) ADA Qualitative ELISA
HUMB00024	Bevacizumab (Avastin®) ELISA
HUMB00026	Anti-Bevacizumab (Avastin®) ADA Quantitative ELISA*
HUMB00027	Rituximab (Rituxan®) ELISA
HUMB00028	Anti-Rituximab (Rituxan®) ADA Qualitative ELISA
HUMB00030	Trastuzumab (Herceptin, Herclon) ELISA
HUMB00031	Anti-Trastuzumab (Herceptin®) ADA Qualitative ELISA
HUMB00033	Cetuximab (Erbix®) ELISA
HUMB00034	Anti-Cetuximab (Erbix®) ADA Qualitative ELISA
HUMB00036	Denosumab (Prolia®) ELISA
HUMB00037	Anti-Denosumab (Prolia®) ADA Qualitative ELISA
HUMB00038	Anti-Filgrastim ADA Quantitative ELISA
HUMB00039	Omalizumab (Xolair®) ELISA
HUMB00040	Anti-Omalizumab (Xolair®) ADA Qualitative ELISA
HUMB00041	Ranibizumab (Lucentis®) ELISA
HUMB00042	Avelumab (Bavencio®) ELISA
HUMB00043	Anti-Avelumab (Bavencio®) ADA Qualitative ELISA
HUMB00044	Nivolumab (Opdivo®) ELISA
HUMB00045	Anti-Nivolumab (Opdivo®) ADA Qualitative ELISA
HUMB00046	Pembrolizumab (Keytruda®) ELISA
HUMB00047	Anti-Pembrolizumab (Keytruda®) ADA Qualitative ELISA
HUMB00048	Ipilimumab (Yervoy®) ELISA
HUMB00049	Anti-Ipilimumab (Yervoy®) ADA Qualitative ELISA
HUMB00050	Tocilizumab (Actemra®) ELISA
HUMB00051	Qualitative Antibodies to Tocilizumab (Actemra®) ELISA

Code	Product name
HUMB00052	Natalizumab (Tysabri®) Free drug ELISA
HUMB00053	Natalizumab (Tysabri®) Antibody screening ELISA
HUMB00054	Aflibercept (Eylea®) Free drug ELISA
HUMB00055	Aflibercept (Eylea®) Antibody screening ELISA
HUMB00056	Canakinumab (Ilaris®) Free drug ELISA
HUMB00057	Canakinumab (Ilaris®) Antibody screening ELISA
HUMB00058	Durvalumab (Imfinzi®) Free drug ELISA
HUMB00059	Durvalumab (Imfinzi®) Antibody screening ELISA
HUMB00060	Atezolizumab (Tecentriq®) Free drug ELISA
HUMB00061	Atezolizumab (Tecentriq®) Antibody screening ELISA
HUMB00062	Daratumumab (Darzalex®) Free drug ELISA
HUMB00063	Daratumumab (Darzalex®) Antibody screening ELISA
HUMB00064	Evolocumab (Repatha®) Free Drug Quantitative ELISA
HUMB00065	Evolocumab (Repatha®) Antibody screening ELISA
HUMB00066	Secukinumab (Cosentyx®) Free drug ELISA
HUMB00067	Secukinumab (Cosentyx®) Antibody screening ELISA
HUMB00068	Abatacept (Orencia®) Free Drug ELISA
HUMB00069	Abatacept (Orencia®) Antibody screening ELISA
HUMB00070	Infliximab (Remicade®) Free Drug ELISA
HUMB00071	Adalimumab (Humira®) Free Drug ELISA
HUMB00072	Golimumab (Simponi®) ADA Quantitative ELISA
HUMB00073	Certolizumab (Cimzia®) ADA Quantitative ELISA
HUMB00074	Vedolizumab (Entyvio®) Free Drug ELISA
HUMB00075	Vedolizumab (Entyvio®) ADA Quantitative ELISA
HUMB00076	Ustekinumab (Stelara®) ADA Quantitative ELISA
HUMB00077	Denosumab (Prolia®) ADA Quantitative ELISA
HUMB00078	Nivolumab (Opdivo®) ADA Quantitative ELISA
HUMB00079	Pembrolizumab (Keytruda®) ADA Quantitative ELISA
HUMB00080	Ipilimumab (Yervoy®) ADA Quantitative ELISA
HUMB00081	Tocilizumab (Actemra®) ADA Quantitative ELISA
HUMB00082	Natalizumab (Tysabri®) ADA Quantitative ELISA
HUMB00083	Aflibercept (Eylea®) Free Drug ELISA
HUMB00084	Aflibercept (Eylea®) ADA Quantitative ELISA
HUMB00085	Canakinumab (Ilaris®) ADA Quantitative ELISA
HUMB00086	Abatacept (Orencia®) ADA Quantitative ELISA
HUMB00087	Palivizumab (Synagis®) Free Drug ELISA
HUMB00088	Palivizumab (Synagis®) ADA Qualitative ELISA
HUMB00089	Palivizumab (Synagis®) ADA Quantitative ELISA
HUMB00090	Ixekizumab (Taltz®) Free Drug ELISA
HUMB00091	Ixekizumab (Taltz®) ADA Qualitative ELISA
HUMB00092	Pertuzumab (Perjeta®) Free Drug ELISA
HUMB00093	Pertuzumab (Perjeta®) ADA Qualitative ELISA
HUMB00094	Risankizumab (Skyrizi®) Free Drug ELISA
HUMB00096	Risankizumab (Skyrizi®) ADA Quantitative ELISA*
HUMB00097	Eculizumab (Soliris®) Free Drug ELISA
HUMB00099	Eculizumab (Soliris®) ADA Quantitative ELISA*

\*Available in Qualitative formats