

# ***ELISAs FOR DETECTION OF INFECTIOUS DISEASES***

- Active TB Detect™ ELISA for TB IgG
- Active TB Detect™ ELISA for TB IgM
- Denv Detect™ IgM Antibody Capture ELISA for dengue Virus
- Denv Detect™ IgG ELISA for Dengue Virus
- Denv Detect™ IgG Capture ELISA for Dengue Virus
- JE Detect™ IgG ELISA for Japanese Encephalitis
- JE Detect™ IgM Capture ELISA for Japanese Encephalitis
- Kalazar Detect™ ELISA for Visceral Leishmaniasis
- Lepto Detect™ IgG ELISA System
- Lepto Detect™ IgM ELISA System
- Trypanosoma Detect™ ELISA
- West Nile Detect™ IgG ELISA
- West Nile Detect™ IgM Capture ELISA

***Note: For a detailed description of all the kits, please contact your customer service agent.***

## **Best sellers Elisa Kits**

### ***Denv Detect™ IgG ELISA, IgM Antibody Capture & IgG Capture ELISA***



These IgM and IgG assays are for evaluation of acute and convalescent stages of Dengue infection.

Both the IgG and IgM assays were developed with a new generation of recombinant mammalian expressed Pr-M/E antigen. Current commercial assays are highly cross reactive with other flaviviruses, for example: West Nile, limiting use in areas where other viruses are present.

**Product Advantages:**

- The IgM assay is an IgM capture antibody assay with minimal cross reactivity to other flaviviruses.
- IgM sensitivity and specificity >95%.
- This DENV Detect™ is based on the detection of Dengue specific IgM or IgG antibodies in serum with minimal cross reactivity to other flaviviruses.
- IgM assay detects infection after several days.
- IgG useful in convalescent stage disease.
- Assays complement the NS1 Antigen Detect.
- Assay providing for diagnosis of all stages of Dengue infection.
- DENV Detect™ IgG assays are available in two formats (Capture and Indirect IgG assays).
- Made in the USA.
- ISO Compliant.
- DENV Detect™ Antibody Capture ELISA requires three 1 hour incubations with serum samples, antigen and conjugate followed by quick wash and substrate addition.
- All components are ready-to-use.

## ***West Nile Detect™ IgG ELISA***



**For Research or Export Use Only**

West Nile Detect™ IgG Capture ELISA is for the qualitative presumptive detection of IgG antibodies to WNV recombinant antigens (WNRA) in serum as an aid in the clinical laboratory diagnosis of West Nile virus infection in patients with clinical symptoms

consistent with encephalitis/meningitis. Positive results must be confirmed by Plaque Reduction Neutralization Test (PRNT), or by using the current CDC guidelines for diagnosis of this disease.

Antigens and reagents for the West Nile Detect™ IgG Capture ELISA are sold separately. Please ask your customer service agent for more details.

### Features

- Analytical sensitivity and specificity > 95%.
- Easy to follow protocol.
- Results in 4 hours or less.

The complete kit includes 96 well strippable plate with all necessary reagents and controls.

## ***West Nile Detect™ IgM Capture ELISA***



### **FDA Cleared - For in vitro diagnostic use**

West Nile Detect™ IgM Capture ELISA is for the qualitative presumptive detection of IgM antibodies to WNV recombinant antigens (WNRA) in serum as an aid in the clinical laboratory diagnosis of West Nile virus infection in patients with clinical symptoms consistent with encephalitis/meningitis. Positive results must be confirmed by Plaque Reduction Neutralization Test (PRNT), or by using the current CDC guidelines for diagnosis of this disease.

### Features

- Sensitivity and specificity > 95%.
- Easy to follow protocol.
- Results in 4 hours or less.
- Excellent correlation with PRNT and CDC ELISA

The complete kit includes 96 well strippable plate with all necessary reagents and controls.

# REAGENTS AND CONTROLS

## Analyte Specific Reagents

| Name                                 | Description        | Catalog Number |
|--------------------------------------|--------------------|----------------|
| Enzyme Conjugate HRP for IgG (WN)    | Ready to Use, 6ml  | 500110         |
| Enzyme Conjugate HRP for IgM (WN)    | Ready to Use, 6ml  | 500220         |
| Enzyme Conjugate HRP for IgM (WN)    | Undiluted, 50ul    | 300510         |
| Enzyme Conjugate HRP for IgM (WN)    | 1/100 diluted, 1mL | 500510         |
| JE Antigen (JERA) for IgM            | Ready to Use, 3ml  | 500134         |
| Normal Cell Antigen (NCA) for JE IgM | Ready to Use, 3ml  | 500157         |
| Normal Cell Antigen (NCA) for WN IgM | Ready to Use, 3ml  | 500121         |
| West Nile Antigen (WNRA) for IgM     | Ready to Use, 3ml  | 500120         |

## Human Controls

| Name                                 | Description | Catalog Number |
|--------------------------------------|-------------|----------------|
| JE Human IgG Negative Control        | 50ul        | 500129         |
| JE Human IgG Weak Positive Control   | 50ul        | 500130         |
| JE Human IgM Negative Control        | 50ul        | 500129         |
| JE Human IgM Weak Positive Control   | 50ul        | 500135         |
| West Nile Human IgG Negative Control | 50ul        | 500111         |
| West Nile Human IgG Positive Control | 50ul        | 500112         |
| West Nile Human IgM Negative Control | 50ul        | 500119         |
| West Nile Human IgM Positive Control | 50ul        | 500118         |



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