

# **HBsAg ELISA Kit**





Substrate: Ready to use

Assay time: 90 mins (60 mins + 30 mins)

Breakaway wells: Useful for small workload

Open reagent: Adaptable to all ELISA readers and washers

Controls: Ready to use positive and negative controls

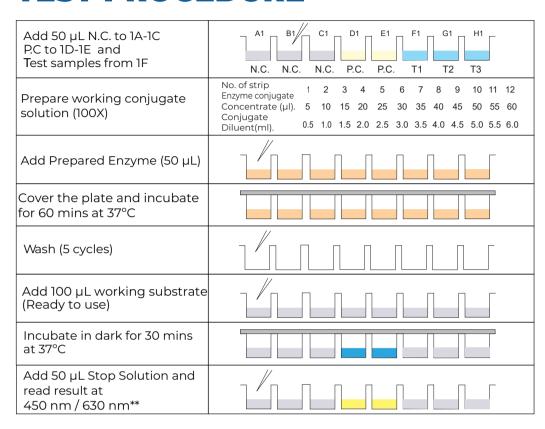
User-friendly: Color coded reagent bottles



### Methodology

HBsAg ELISA is an enzyme immunoassay based on the one-step sandwich principle. The monoclonal anti-HBs antibody is coated onto the wells of the micro-titer plate. The polyclonal anti-HBs antibodies conjugated with peroxidase and serum or plasma samples are added to these wells. The Hepatitis B surface antigen, if it is present in the sample simultaneously reacts with the mouse monoclonal antibodies against HBsAg attached to the wells of microwell plate

# **TEST PROCEDURE**



#### **VALIDATION CRITERIA**

 $NC \bar{x}$  less than 0.2 PC  $\overline{x}$  more than 0.8

#### **DATA INTERPRETATION**

Cut-Off Formula: NC  $\overline{x}$  + 0.200 Samples with absorbance greater than cut-off value are considered positive

## **PERFORMANCE** CHARACTERISTICS

Sensitivity: ≥ 99.33% Analytical Sensitivity: 0.1 ng/ml Specificity: ≥ 99.99%

#### ORDERING INFORMATION

Product Code	Name of Product	Pack size	Storage	Shelf Life
30201151	HBsAg ELISA Kit	96 Tests	2-8°C	15 months



\*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation.











