QuickTiter™ HBV Core Antigen ELISA Kit

An anti-HBVcAg monoclonal coating antibody is adsorbed onto a microtiter plate. HBV core antigen present in the sample or standard binds to the antibodies adsorbed on the plate; a FITC-conjugated mouse anti-HBVcAg antibody is added and binds to the antigen captured by the first antibody. Following incubation and wash steps, a HRP-conjugated mouse anti-FITC antibody is added and binds to the FITC conjugated anti-HBVcAg. Following unbound HRP-conjugated mouse anti-FITC antibody is removed during a wash step, and substrate solution reactive with HRP is added to the wells. A colored product is formed in proportion to the amount of HBV core antigen present in the sample. The reaction is terminated by addition of acid and absorbance is measured at 450 nm. A standard curve is prepared from recombinant HBV core antigen and sample concentration is then determined.

Ordering Information

Order Online »

CBI-VPK-150	96 assays

Manuals, SDS & CofA

View Online »

- Measures the core antigen of Hepatitis B virus
- Sensitive to as low as 1 ng/mL
- Recombinant HBVcAg standard included

Handling & Storage

Use/Stability	Upon receiving, aliquot and store recombinant HBVcAg Standard at -20°C and avoid freeze/thaw. Store all other components at 4°C.
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Application	Colorimetric detection, ELISA
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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