



Recombinant Hepatitis B Core Antigen (rHBcAg)

PRODUCT CODE : AW 6034

SOURCE : Transformed E. coli

PRESENTATION : Liquid in phosphate buffered saline, pH 7.4

PURIFICATION : Purified by ultracentrifugation

PURITY : Round particles of about 30 nm in diameter are detected using immunoelectron microscopy with human anti-HBc.

A major high molecular weight peak is obtained by gel filtration through Superose 6. Some minor peaks of low molecular weight can be observed.

A major band at about 23 kD and a minor band at 40 kD are detected by Western Blot using IgG from rabbit immunised with HBcAg from liver of HBV infected chimpanzee.

Silver stained SDS-PAGE under reducing conditions reveals a main 23 kD band and several other bands.

PROTEIN CONCENTRATION : 0.2-1.0 mg / ml (Lowry method).

PRESERVATIVE : None.

STORAGE : Frozen (-20°C). Avoid repeated freezing / thawing.

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