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Datasheet for ABIN1880339 HBSAg Protein

Overview

Quantity:	1 mg
Target:	HBSAg (HBsAg)
Origin:	Human
Source:	Human
Protein Type:	Native

Product Details

Characteristics:	Inactivation Heated for 10 hours at 60 °C before ultracentrifugation.
Purification:	Purified
Purity:	> 90 % by SDS-PAGE

Target Details

Target:	HBSAg (HBsAg)
Alternative Name:	HBsAg (HBsAg Products)
Target Type:	Viral Protein

Background: HBsAg is the surface antigen of the hepatitis B virus (HBV). It indicates current hepatitis B infection. Today, these antigen-proteins can be genetically manufactured (e.g. transgene E. coli) to produce material for a simple antigen test, which detects the presence of HBV. In histopathology, the presence of HBsAg is more commonly demonstrated by the use of the Shikata orcein technique, which uses a natural dye to bind to the antigen in infected liver cells.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.02 M Sodium phosphate (pH 7.2) with 0.02 % NaN₃.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Storage: 4 °C