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Certificate of Analysis and Data Sheet Hepatitis B Surface Antigen (ad)

Catalog No.
MD-14-0231P

Source
Human Plasma

Description

Hepatitis B Surface Antigen (HBsAg), (ad). Purified HBsAg is composed of small spherical particles and a few short filaments. Does not contain viral particles. May contain aggregates of serum albumin bound to the Pre-S receptors on the surface of HBsAg particles.

Preparation

Purification: >98% pure (SDS-PAGE).

Formulation

Format: Purified, Liquid
Concentration: 10mg/ml (OD_{280nm}, $E^{0.1\%} = 3.73$)
Buffer: 0.02M Sodium phosphate, pH 7.2
Preservative: 0.02% Sodium azide

Applications

Specific methodologies have not been tested using this product.

Inactivation

Heat inactivation at 60°C for 8 hours.

Storage

Store at 2-8°C. **DO NOT FREEZE!** Prepare working dilution only prior to immediate use. Diluted samples (especially <0.1mg/ml) may lose antigenic potency after prolonged storage.

Warning

All human source materials have tested negative for HIV1, HIV2 and HCV antibodies. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**