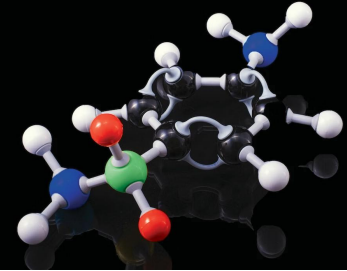




HBsAg Ad Subtype

Who are we?

Established in 1999 in Mumbai, Yashraj Biotechnology Ltd. (YBL), is a research and innovation driven Biotechnology Company. YBL started its operations in niche diagnostic reagents (native antigens) and has since expanded its product range to provide end-to-end solutions to our customers in life-sciences, diagnostics.



About the Product

HBsAg Ad

HBsAg (also known as the Australia antigen) is the surface antigen of the hepatitis B virus (HBV). Its presence in blood indicates hepatitis B infection. It has two determinants Ad and Ay and helps in detection of Hepatitis infection or any other liver ailments. The serologic heterogeneity of the hepatitis B virus (HBV) has been established from immunodiffusion experiments for a long time. Four serotypes called subtypes of the hepatitis B surface antigen (HBsAg) have been defined by two mutually exclusive determinant pairs, d/y and w/r, and a common determinant a. These subtypes are adw, ayw, adr and ayr. The two determinants Ad and Ay help in detection of Hepatitis infection or any other liver ailments

Reference

Subtypes, genotypes and molecular epidemiology of the hepatitis B virus as reflected by sequence variability of the S-gene. L O Magnius 1, H Norder.

Source

HBsAg subtype Ad Positive Plasma

Application

- Manufacturing Controls and Calibrators
- Life Science
- Clinical Chemistry
- Biosensors
- ELISA Assay
- Lateral Flow

Why YBL?

USPs

- We ensure **batch-to-batch consistency on a large scale**, providing you with high-quality products every time.
- We offer the **shortest lead times** in the industry, allowing you to receive your products quickly and efficiently.
- We have a **reliable global network of hospitals** that supply us with high-quality biofluids and biospecimens, ensuring that we always have the materials we need to meet your requirements.
- Our products are **customized** to meet your specific needs, and we can **validate them across multiple applications** as per your needs, providing you with reliable results every time.
- With over **20 years of experience in protein purification**, our team has the expertise to deliver high-quality products that meet your exact specifications.



For more product info.
SCAN HERE

ORDER YOUR SAMPLE TODAY:

✉ marketing@yashrajbio.com

☎ +91 22 68125300

🌐 www.yashraj.com





HBsAg Ad Subtype

HBsAg (Hepatitis B Surface Antigen Type Ad)

Batch No

FHBdxxxx

CAT No.

FHbd-16-03

Grade

High Pure(>99%)

Expiry

3 Years

Origin

Human Blood (Non Indian Origin)

Store in

2-8°C in working aliquots

Sr. No.	Test	Test Method	Acceptance Criteria
01	Identification	ELISA	Positive for HBsAg
02	HBsAg Content (Immunological activity)	BIORAD (Against PEI Standard	2-4 mg/ml
03	Total Protein	OD ₂₈₀ -OD ₃₂₀	2-4 mg/ml
04	'Ad' subtype-Purity	ELISA	>99%
05	Purity Profile	SDS-PAGE	Match Internal Ref. Std.
06	Aggregation	Size Exclusion Chromatography (GFC)	<9%
07	Bio-burden	Plate Count	<10 CFU/ml
08	Viral Marker Test For Anti-HIV _{I&II}	CLIA (USFDA Approved)	Negative
09	Absence of Viral DNA/RNA for HIV I and HCV	PCR	Negative

Stability Information

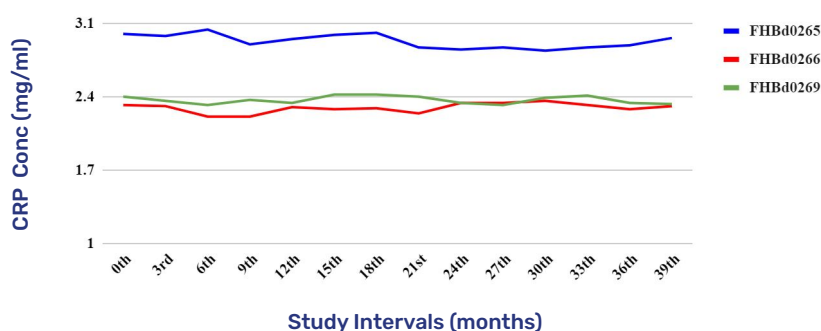
Product Name : HBsAg-Ad

Method of Testing : BIORAD ELISA (Against PEI Standard)

Batch No. : FHBd0265, FHBd0266, FHBd0269

Unit of Release : mg/ml

Real Time Stability Study of HBsAg-Ad



Observation: HBsAg-Ad high Pure is stable for >3 years at 2-8°C based on the above Real time stability study graph.



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