

DATASHEET

Biotin-conjugated Hepatitis B Virus E Antigen Goat Polyclonal Antibody

CAT. NO. APA12517

KEY FEATURES

| | | | |
|---------------|--|---------------|------------|
| Target | Hepatitis B Virus E Antigen | Source / Host | Goat |
| Reactivity | Hepatitis B virus | Clonality | Polyclonal |
| Applications | ELISA | Conjugation | Biotin |
| Form / Buffer | Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide. | Storage | at-20°C |

BACKGROUND

Hepatitis B e antigen (HBeAg) is a secreted form of the HBV core protein, considered a marker of active viral replication and high infectivity. HBeAg seroconversion (HBeAg loss with anti-HBe production) indicates reduced viral activity and a more favorable prognosis. Anti-HBeAg antibodies are used in serological diagnosis and monitoring of chronic HBV infection.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

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| ELISA | Use at an assay dependent dilution. |
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

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| Description | Goat polyclonal antibody to Hepatitis B Virus E Antigen-Biotin labeled |
| Specificity | Reacts only with Hepatitis B Virus E Antigen. |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant Hepatitis B Virus E Antigen |
| Purification | Immunogen affinity purified |
| Form/Buffer | Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide. |
| Alternative Names | Core antigen; Core protein; HBe antigen; HBeAg; HBVgp4; Pre C C; Precore protein; Precore/core; Precore/core ORF; Precore/core protei |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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| DATA**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.