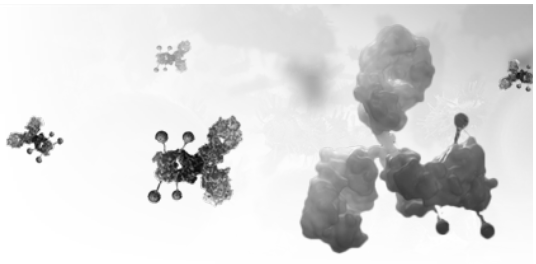

Anti-HBV Envelope Antigen Monoclonal antibody, Clone A774 (DMAB3510)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human HBeAg
Target	HBV Envelope Antigen
Immunogen	Recombinant HBeAg
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	HBV
Clone	A774
Affinity Constant	1 x 109
Purification	90% (one band on SPE gel). MEP purified
Conjugate	Unconjugated
Applications	Used in EIA for the specific determination of HBeAg. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	5.28mg/ml (OD280nm)
Size	1 mg
Buffer	10mM PBS, pH 7.2

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	0.02% Sodium Azide
Storage	Store at 2–8 C.

BACKGROUND

Introduction	Hepatitis B e-antigen (HBeAg) is a viralprotein associated with HBV infections. Unlike the surface antigen, thee-antigen is found in the blood only when there are viruses also present.When the virus goes into "hiding," the e-antigen will no longer be present inthe blood. HBeAg is often used as a marker of ability to spread the virus toother people (infectivity). Measurement of e-antigen may also be used tomonitor the effectiveness of HBV treatment; successful treatment will usuallyeliminate HBeAg from the blood and lead to development of antibodies againste-antigen (anti-HBe). There are some types (strains) of HBV that do not makee-antigen; these are especially common in the Middle East and Asia. In areaswhere these strains of HBV are common, testing for HBeAg is not very useful
Keywords	Hepatitis B Virus Core Antigen; HBcAg; Core antigen; C; Core; HBc; Hepatitis B "e" Antigen; HBeAg; Hepadnaviridae; Orthohepadnavirus; Hepatitis B virus; HBV; Core protein; HBe antigen; HBVgp4; Pre C,C; Precore protein; Precore/core; Precore/core ORF; Precore/core protei

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221