Medix Biochemica

Anti-h E2 (Estradiol) 10450

Product overview	
Catalog number	700011
Specificity	Antibody recognizes human estradiol (E2)
Description	Monoclonal antibody raised against human 17b Estradiol. <i>In vitro</i> cultured mouse monoclonal antibody.
Product buffer solution	0.1 M PBS, pH 7.4, 0.9 % NaCl, 0.05 % NaN $_3$ as a preservative
Shelf life and storage	60 months from manufacturing at 2–8 °C
Subclass	lgG1
Analyte description	Estradiol is a steroid and the primary female sex hormone produced by the ovaries. It prepares the uterus for the implantation of the fertilized ovum and promotes the maintenance of the female reproductive organs. Serum estradiol is measured in women and it reflects primarily the activity of the ovaries.

Parameters tested on each lot

Product appearance	Liquid
Product concentration	> 1.0 mg/ml
Immunoreactivity	Not Determined (N/D)
IEF Profile	N/D
Purity	N/D
Kinetic parameters	
Association rate constant	N/D
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-



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Cross-reactivities	N/D
Epitope	N/D
Pair recommendations	-
Platforms tested	-
Antigens tested	E2 (Estradiol) 6-HS antigen, 1 mg, Medix Biochemica 710050.
Product stability	TEMPERATURE, TIME RESULT N/D -
Miscellaneous	Coupling to carrier protein (BSA) for immunization was done on carbon 6 in the steroid ring structure. H

References



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