

## Product specifications

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Name	Anti-h E2 (Estradiol) 10450
Specificity	Antibody recognizes human estradiol (E2)
Description	Monoclonal antibody raised against human 17 $\beta$ Estradiol. <i>In vitro</i> cultured mouse monoclonal antibody.
Product code	700011
Product buffer solution	0.1 M PBS, pH 7.4, 0.9 % NaCl, 0.05 % NaN <sub>3</sub> as a preservative
Shelf life and storage	60 months from manufacturing at 2–8 °C
Subclass	IgG <sub>1</sub>
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

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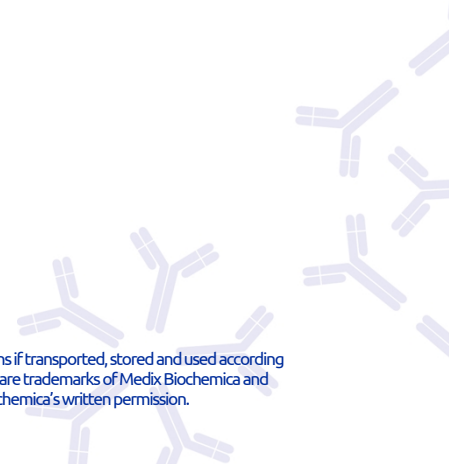
Product appearance	Liquid
Product concentration	> 1.0 mg/ml
Immunoreactivity	Not Determined (N/D)
IEF Profile	N/D
Purity	N/D

## Kinetic parameters

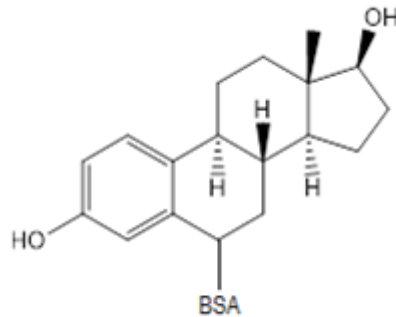
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Association rate constant	N/D
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-

### Legal disclaimer



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 N/D	RESULT
Miscellaneous	Coupling to carrier protein (BSA) for immunization was done on carbon 6 in the steroid ring structure.	



References -

