

## Anti-h E2 (Estradiol) 10450

### Product overview

Catalog number	700011
Specificity	Antibody recognizes human estradiol (E2)
Description	Monoclonal antibody raised against human 17 $\beta$ 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 <sub>3</sub> as a preservative
Shelf life and storage	10 years 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

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

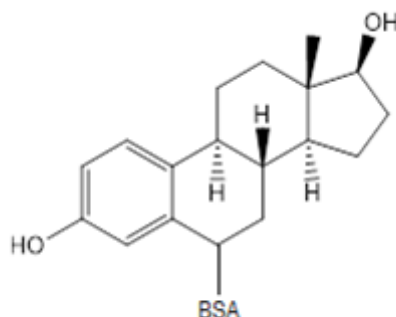
### Kinetic parameters

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



#### Legal disclaimer

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



<b>References</b>	-
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