

Product Datasheet

Anti-Estriol (E3) RC10601 SPTN-5 140022

Product Name	Anti-Estriol (E3) RC10601 SPTN-5
Catalog Number	140022
Description	Recombinant chimeric antibody containing variable region from mouse IgG and constant region from human IgG1, cultured in vitro under conditions free from animal-derived components.
Tested Applications	FIA
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Note	This product is a recombinant version of the previously available Estriol (E3) Antibody P-01-92-35M-P.
Isotype	human IgG1
Clonality	Monoclonal
Epitope	N/D
Purity	≥ 95 %
Affinity constant	$KA = 4.0 \times 10^{10} \text{ 1/M}$; $KD = 2.4 \times 10^{-11} \text{ M}$ (=0.02 nM)
Associated Products	Pairs with Estriol (E3)-BSA Antigen, EastCoast Bio P81-92-31A and Estriol (E3)-3-HRP Antigen, EastCoast Bio P91-92-31H
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	8.0-9.0
Cross Reactivity	Does not recognize Estradiol (E2).
Specificity	Antibody recognizes estriol
Matched Pairs	Pairs with Estriol (E3)-BSA Antigen, EastCoast Bio P81-92-31A and Estriol (E3)-3-HRP Antigen, EastCoast Bio P91-92-31H
Shelf Life	Unspecified