



EAGLE
BIOSCIENCES

Anti-Prostaglandin E₂

Product Number: PRE00-A1000

Aliquot: 1 mL

Storage: -80° C

PRODUCT SPECIFICATION SHEET

DESCRIPTION:	This rabbit polyclonal antibody is specific to Prostaglandin E ₂ and other associated pathway specific arachidonate derived molecules. This antibody is presented as antiserum.
CONCENTRATION:	Not determined
STORAGE BUFFER:	PBS; 0.1% Sodium Azide
STORAGE:	-80°C. AVOID REPEATED FREEZE THAWS.
IMMUNOGEN:	Prostaglandin E ₂
SENSITIVITY:	130 pg/assay (IC ₅₀)
PURIFICATION:	Not purified
APPLICATIONS:	Suitable for use in RIA. (1:25 dilution) May also have utility in ELISA.
SPECIES SPECIFICITY:	Not species specific. May not exhibit utility when using in a rabbit experimental model.
REFERENCE:	Levine, L., Measurement of Arachidonic Acid Metabolites by Radioimmunoassay. In: <i>Manual of Clinical Laboratory Immunology</i> (3 rd Edition). J.L. Fahey, H. Friedman and N.L. Rose (eds.). Amer. Soc. Microbiol. pp. 685-691 (1986). Granstrom, E. and Lindgren, J.A., Radioimmunoassay of Prostaglandins and Related Compounds. In: <i>Prostaglandins: Biology and Chemistry of Prostaglandins and Related Eicosanoids</i> , P.B. Curtis-Prior, (Ed.) Churchill Livingstone, New York, pp. 115-126. Powell, W.S., Rapid Extraction of Arachidonic Acid Metabolites From Biological Samples Using Octadecylsilyl Silica. <i>Meth. Enzymol.</i> 86 : 467-476 (1982).

HAPTEN	REACTIVITY (%)
PGE ₂	100%
PGE ₁	100%
PGA ₂	100%
PGB ₂	100%
PGE ₃	20%
PGF _{2α}	<1%
Arachidonic Acid	<1%
13,14-H ₂ -15-Keto-PGE ₂	<1%
13,14-H ₂ -15-Keto-PGE _{2α}	<1%

Product Developed and Manufactured in the USA

EAGLE BIOSCIENCES, INC.
20A NW Blvd., Suite 112
Nashua, NH 03063

Phone: 617-419-2019
Fax: 617-419-1110
Email: info@EagleBio.com
www.EagleBio.com