



OXFORD BIOMEDICAL RESEARCH

Product Specification Sheet

Anti-Prostaglandin E₂
 Product Number: PG 31
 Aliquot: 1 mL
 Lot Number: 04159DEA
 Storage: -80°C

DESCRIPTION: This rabbit polyclonal antibody is specific to Prostaglandin E₂ 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 E₂

SENSITIVITY: 130 pg/assay (IC₅₀)

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: *Manual of Clinical Laboratory Immunology* (3rd 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: *Prostaglandins: Biology and Chemistry of Prostaglandins and Related Eicosanoids*, 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. *Meth. Enzymol.* **86**: 467-476 (1982).

HAPTEN	REACTIVITY (%)
PGE ₂	100%
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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%