



assay designs
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Leukotriene C₄/ D₄/ E₄/ F₄ Antiserum

Catalog Number: 905-038

Material: Mouse Antibody to Leukotriene C₄/ D₄/ E₄/ F₄

Preparation: Reconstitute to 10 mL with PBS/BSA Buffer

Storage: **Store from -20°C to +4°C.**
Long term storage at -20°C after reconstitution.
Avoid repeated freeze/thaw cycles.
Can be stored at 4°C in the appropriate buffers.

Intended Use: As an antibody to measure LTC₄/D₄/E₄/F₄
Dilution will depend on immunoassay system.

| Cross Reactivity: | <u>Compound</u> | <u>Cross Reactivity</u> | <u>Compound</u> | <u>Cross Reactivity</u> |
|-------------------|------------------------------|-------------------------|---|-------------------------|
| | Leukotriene D ₄ | 100% | Prostaglandin E ₁ | <0.01% |
| | Leukotriene F ₄ | 66.7% | Prostaglandin E ₂ | <0.01% |
| | Leukotriene C ₄ | 55.0% | Prostaglandin F _{1α} | <0.01% |
| | Leukotriene E ₄ | 51.0% | Prostaglandin F _{2α} | <0.01% |
| | Leukotriene B ₄ | 0.25% | 6-keto-Prostaglandin F _{1α} | <0.01% |
| | 5-HETE | 0.19% | 13,14-dihydro-15-keto PGF _{2α} | <0.01% |
| | Linoleic acid | 0.12% | 13,14-dihydro-15-keto PGE ₂ | <0.01% |
| | Arachidonic acid | 0.12% | Thromboxane B ₂ | <0.01% |
| | Oleic acid | 0.07% | L-Cysteine | <0.003% |
| | Prostaglandin A ₁ | <0.01% | Glutathione (ox) | <0.003% |
| | Prostaglandin B ₂ | <0.01% | Glutathione (red) | <0.003% |
| | Prostaglandin D ₂ | <0.01% | Palmitic acid | <0.003% |

For Research Use Only: Not for Therapeutic or Diagnostic Use.