### Product: Anti-MDMA Antibody

**Product Information:**
- **Synonyms:** Not available
- **Immunogen:** MDMA-BTG
- **Pack sizes:**
  - 1 mg | PAS10240
  - 10 mg | PAS10241
- **Host Species:** Ovis aries (Sheep)
- **Host Breed:** Texel
- **Isotype:** IgG
- **Format:** Clear liquid
- **Clonality:** Polyclonal
- **pH:** 7.4

### Buffer:
- 20mM Phosphate, 150mM Sodium Chloride

### Preservative:
- 0.09% Sodium Azide

### Recommended Working Concentration:
- 5 µg/mL

### Assessment Method:
- Competitive ELISA

### Sensitivity:
- 10 ng/mL MDMA produces 68% inhibition in a competitive ELISA employing MDMA polyclonal antibody.

### Target Specificity:
- ELISA microtitre plate based and expressed as % crossreactivity*. The antibody exhibited crossreactivity for the following compounds: MDEA 195.4%, MDA <9.99%, Amphetamine <9.99% and Methamphetamine <9.99%.

### Storage:
- Can be stored for up to 3 months at +2°C - +8°C.
- For long term storage, aliquot and store at ≤ -20 °C.
- Avoid repeated freeze/thaw cycles.
- Product should be protected from light exposure.

### Recommended Applications:
- The antibody is suitable for the development of immunoassays or immunoaffinity purification columns.

### Related Products:
- MDMA-HRP, HRP9621, Kit size: 0.5 mL

### Notes & Precautions:
- Antibody can be affinity purified on request. This product as supplied is intended for research applications only, not for use in therapeutic or diagnostic applications without the expressed written authorization of Randox BioReagents. A safety data sheet (SDS) can be supplied upon request. Vial should be centrifuged briefly before opening to ensure all material is removed from the vial cap.

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* Cross reactivity profile may vary with tracer used.