### Anti-Kanamycin Antibody

**Product:** Anti-Kanamycin Antibody  

**Synonyms:** Not available  

**Immunogen:** Kanamycin-BTG  

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<td>1 mg PAS9803</td>
<td>Ovis aries (Sheep)</td>
<td>Texel</td>
<td>IgG</td>
<td>Lot dependent. Determined @ 280nm.</td>
<td>20mM Phosphate, 150mM Sodium Chloride.</td>
<td>0.09% Sodium Azide.</td>
<td>Competitive ELISA.</td>
<td>N/A</td>
<td>Salt fractionation.</td>
<td>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.</td>
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<td>10 mg PAS9531</td>
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<td>The antibody is suitable for the development of immunoassays or immunoaffinity purification columns.</td>
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**Recommended Working Concentration**: 0.3125 µg/mL  

*The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Target Specificity**: ELISA microtitre plate based and expressed as % crossreactivity*. The antibody exhibited crossreactivity for the following compounds:  

- Amikacin <30%  
- Tobramycin <7.9%  

*Cross reactivity profile may vary with tracer used.

**Sensitivity**: 10 ng/mL Kanamycin produces 57% inhibition in a competitive ELISA employing Kanamycin polyclonal antibody.

**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.  

**Recommended Applications:**  

Kanamycin-HRP, HRP9222, Kit size: 0.5 mL.

**Related Products:**  

Kanamycin-HRP, HRP9222, Kit size: 0.5 mL.

**Information correct at time of going to print:**  

04-Apr-22