

## Anti-Gentamycin, HRP conjugate

DAG1198

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product overview</b>	Anti-Gentamycin, HRP conjugate
<b>Antigen Description</b>	Gentamycin is an aminoglycoside antibiotic used to treat infections caused by many different types of bacteria. Gentamycin is usually administered by intravenous infusion or intramuscular injection.
<b>Source</b>	Antimicrobial Drugs
<b>Conjugate</b>	HRP
<b>Form</b>	concentrate
<b>Characteristic</b>	Each conjugate comprises antigen covalently bound to horseradish peroxide and is suitable as a tracer in immunoassay development

### PACKAGING

<b>Stability</b>	This conjugate may be stored for up to 3 months at +2 - +8°C. For long term storage, aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. Avoid using azide containing buffers.
<b>Storage</b>	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.

### BACKGROUND

<b>Introduction</b>	Gentamicin is an aminoglycoside antibiotic, used to treat many types of bacterial infections, particularly those caused by Gram-negative organisms. However, gentamicin is not used for <i>Neisseria gonorrhoeae</i> , <i>Neisseria meningitidis</i> or <i>Legionella pneumophila</i> . Gentamicin is also ototoxic and nephrotoxic, with this toxicity remaining a major problem in clinical use.
<b>Keywords</b>	Gentamicin; Gentacycol; Gentavet; Refobacin tm; Uromycine; Lyracycline; 2-[4,6-Diamino-3-[3-amino-6-(1-methylaminoethyl)oxan-2-yl]oxy-2-hydroxycyclohexyl]oxy-5-methyl-4-methylaminooxane-3,5-diol

### REFERENCES

1. Moulds, Robert and Jeyasingham, Melanie (October 2010). "Gentamicin: a great way to start". Australian Prescriber (33): 134–135.
2. Goljan, Edward F. (2011). Rapid Review Pathology 3rd ed.. Philadelphia, PA: Elsevier. pp. 241. ISBN 978-0-323-08438-3.