



# Anti-Enterococcus Polyclonal antibody (DPAB0143)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Whole cells. This antiserum has not been absorbed and may react with related microorganisms. .
<b>Target</b>	Enterococcus
<b>Immunogen</b>	Enterococcus faecium
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Enterococcus
<b>Purification</b>	95% pure. Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in sandwich ELISA as either capture or detection antibody. Not suitable for use in IFA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	4-5mg/ml (OD280nm, E 0.1%= 1.4)
<b>Size</b>	1 ml
<b>Buffer</b>	0.01M PBS, pH 7.2 No stabilizing proteins have been added
<b>Preservative</b>	0.1% Sodium Azide

**Storage**

Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles

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## BACKGROUND

**Introduction**

Enterococci form part of the lactic acid bacteria family and are the third most important bacterial genus in hospital infections, especially *Enterococcus* (E.) *faecium*. In food they can spoil processed meats but they are equally important for ripening and aroma development of certain traditional cheeses and sausages, and are used as human probiotics. However, they possesses a broad spectrum antibiotic resistance which has important implications to human health and disease.

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**Keywords**

E. *avium*; E. *durans*; E. *gallinarum*; E. *solitarius*; E. *faecium*; E.*faecalis*; *Enterococcus*; *Enterococcus* species

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