

# Salmonella enteritidis LPS antibody [se-1]

**Cat. No. GTX00861**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, Dot, ELISA, Lateral Flow
<b>Reactivity</b>	Salmonella typhimurium, Salmonella Enteritidis

**Package**  
100 µg

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:2000
Dot	Assay dependent
ELISA	Assay dependent
Lateral Flow	Assay dependent

Not tested in other applications.

**Product Note** It does not react with other gram-negative food-poisoning bacteria like E. coli, Vibrio parahaemolyticus, and Campylobacter species.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	Filter-sterilized PBS, 50% Glycerol
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Crude extract of Salmonella Enteritidis
<b>Purification</b>	Protein A purified
<b>Conjugation</b>	Unconjugated

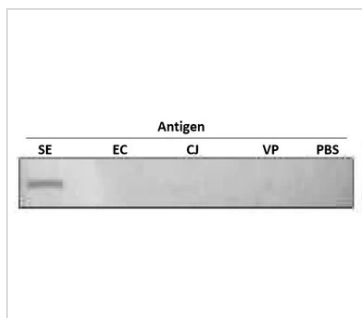


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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX00861 Dot Image**

Extracts of each strain of food poisoning bacteria were coated onto 5 area of a nitrocellulose membrane and reacted with GTX00861 Salmonella enteritidis LPS antibody [se-1].

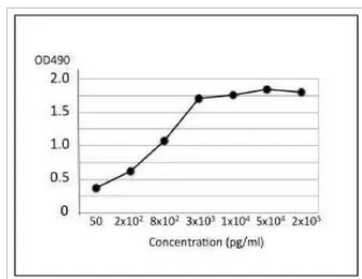
GTX00861 recognizes LPS of S. Enteritidis, but does not react with any non-Salmonella bacteria tested.

SE: S. Enteritidis

EC: E. coli

CJ: Campylobacter jejuni

VP: V. parahaemolyticus.


**GTX00861 ELISA Image**

ELISA analysis of crude extract of S. Enteritidis using GTX00861 Salmonella enteritidis LPS antibody [se-1].

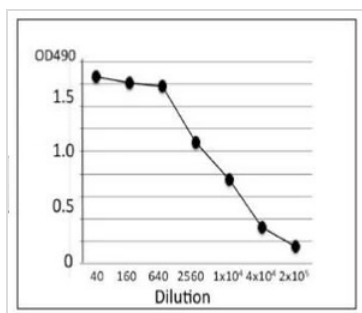
Protein coating amount : 100µl per well at indicated amount

Antibody amount : 100µl (1:500) per well

	ELISA	WB
Salmonella Enteritidis (ATCC13076)	+	LPS
Other 18 isolated strains	+	+
Salmonella Typhimurium	+	-
Campylobacter jejuni/coli	-	-
Vibrio parahaemolyticus	-	-
Escherichia coli (ETEC)	-	-
EHEC (O157:H7)	-	-
Staphylococcus aureus	-	-
Clostridium perfringens	-	-
Bacillus cereus	-	-
LPS from S. Enteritidis*	+	LPS
Purified LPS (from S. Enteritidis)	+	LPS

**GTX00861 Image**

Reactivity of GTX00861 Salmonella enteritidis LPS antibody [se-1] with various food poisoning bacteria.


**GTX00861 ELISA Image**

ELISA analysis of crude extract of S. Enteritidis using GTX00861 Salmonella enteritidis LPS antibody [se-1].

Protein coating amount : 100µl (1 µg/ml) per well

Antibody amount : 100µl at indicated dilution



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