



# Rabbit Anti-Salmonella H:z57 Polyclonal antibody (DPAB-CS24385)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Salmonella H:z57
<b>Target</b>	Salmonella H:z57
<b>Immunogen</b>	Salmonella H Antigen
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Salmonella
<b>Conjugate</b>	unconjugated
<b>Applications</b>	Phase Inversion
<b>Format</b>	Liquid
<b>Size</b>	3 ml
<b>Buffer</b>	Antiserum
<b>Preservative</b>	None
<b>Storage</b>	Store at 2-8°C.

## BACKGROUND

**Introduction** Salmonella spp., have, like other members of the Enterobacteriaceae family, three main types of antigens that can be used in serological diagnostics and for identification. These antigens are

especially useful for identifying bacteria within the following taxa: Escherichia coli, Klebsiella spp., Salmonella spp. and Shigella spp. The following three main types of antigens have been defined:

Somatic antigens (= O antigens or cell wall antigens). These antigens consist of different oligosaccharides in the heat-stable part of the cell wall and are also called lipopolysaccharide (= LPS). There are more than 60 different O antigens in Salmonella spp.

Surface antigen (= K antigens). These antigens are heat sensitive and consist of the capsular polysaccharides, which thus surround the cell wall and may cover O antigens. The Vi antigen is present in a few serovars.

Flagell antigen (= H antigens). These antigens, which consist of proteins and are heat sensitive, are only found in flagella of motile members of the Enterobacteriaceae family. Motile Salmonella types produce two types of H antigen (termed phase 1 or phase 2 antigen).

---

**Keywords**

Salmonella; Salmonella H antigens; Salmonella Flagell antigen; Salmonella H; Salmonella H:z57

---