

# SALMONELLA SERO-QUICK GROUP KIT



STATENS  
SERUM  
INSTITUT

*prevention and control  
of infectious diseases  
and congenital disorders*

- *Serogrouping of Salmonella*
- *8 antisera*
- *Quick results*



FOR IN VITRO DIAGNOSTIC USE

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## Description

The Salmonella Sero-Quick Group Kit is a screening kit for identifying *Salmonella* isolates to serogroup level.

The Kit includes antisera against the most common serogroups of *Salmonella*, serogroup A-G and the capsule antigen Vi.

The diagnostic Salmonella O antisera are polyclonal rabbit antisera made specific by absorption. The Vi antibody is monoclonal and purified from hybridoma culture supernatant.

Antisera are delivered in dropper bottles containing ready to use dilutions and the volumes of the antisera are differentiated according to common use. The antisera can be renewed separately. Around 100 tests can be performed with a Salmonella Sero-Quick Group Kit.

## Background

*Salmonella* spp. are among the most common bacterial foodborne pathogens worldwide. *Salmonella* serogrouping can be used as a surveillance tool to identify *Salmonella* serogroups, either as preliminary grouping, when full serotyping can be performed by a Human or Veterinary Reference Centre or in food industry as a screening technique for *Salmonella*.

The most common serogroups are B, which includes *S. Typhimurium* and D, which includes *S. Enteritidis*.

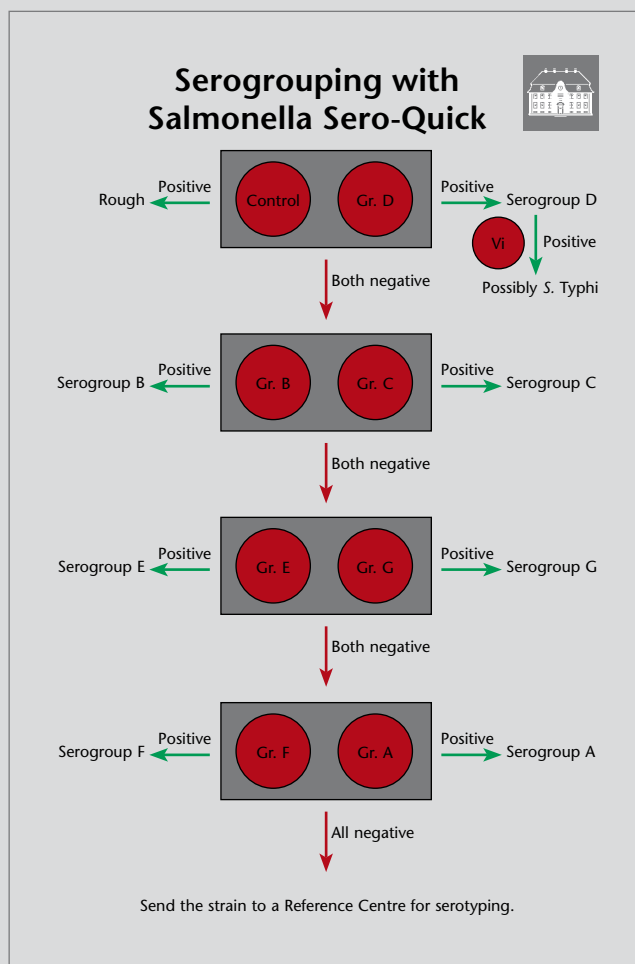
Vi and serogroup A are not common, but clinically important because they are expressed by *S. Typhi* and *S. Paratyphi* respectively.

**Table** Designation of O groups

| Serogroup | Antigen present            |
|-----------|----------------------------|
| A         | O:2                        |
| B         | O:4                        |
| C         | O:7 or O:8                 |
| D         | O:9 or O:9,46 or O:9,46,27 |
| E         | O:3,10 or O:1,3,19         |
| F         | O:11                       |
| G         | O:13                       |

## Application

The Salmonella Sero-Quick Group Kit is intended for slide agglutination of *Salmonella* cultures after overnight growth on suitable culture medium, e.g. beef extract agar. We recommend the procedure described in the figure.



## Storage and shelf life

Store at 2-8°C in a dark place.

Expiry date is printed on the package.

## Available product

Article No. 60898

Salmonella Sero-Quick Group Kit, 1 box

## Ordering and information

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