



Salmonella typhi Real Time PCR Kit *CE Marked

Product Categories: [Fabricante](#), [Humana](#), [Kit para Patógenos de Diarrea Infecciosa](#), [Liferiver](#), [PCR](#)

Product Page:

<http://vacunek.com/shop/manufacturer/liferiver/salmonella-typhi-real-time-pcr-kit-ce-marked/>

Product Summary

DD-0036

Product Description

1. Intended Use

Salmonella Typhi real time PCR kit is used for the detection of Salmonella Typhi in stool, blood or water samples by using real time PCR systems.

2. Product Description

Typhoid fever is caused by typhoid bacillus. It is characterized by the sudden onset of sustained fever, severe headache, nausea, loss of appetite, constipation or sometimes diarrhoea. Severe forms have been described with mental dullness and meningitis. Case-fatality rates of 10% can be reduced to less than 1% with appropriate antibiotic therapy. However, strains resistant to chloramphenicol and other

recommended antibiotics (ampicillin, cotrimoxazole and even ciprofloxacin) have become prevalent in several areas of the world. Paratyphoid fever can be caused by any of three serotypes of *S. paratyphi* A, B and C. It is similar in its symptoms to typhoid fever, but tends to be milder, with a lower fatality rate.

Salmonella Typhi real time PCR kit contains a specific ready-to-use system for the detection of the

Salmonella Typhi by polymerase chain reaction in the real-time PCR system. The master contains

reagents and enzymes for the specific amplification of the Salmonella Typhi DNA. Fluorescence is

emitted and measured by the real time systems' optical unit. The detection of amplified Salmonella

Typhi DNA fragment is performed in fluorimeter channel FAM with the fluorescent quencher BHQ1.

DNA extraction buffer is available in the kit. An external positive control (1×10^7 copies/ml) contained,

allows the determination of the gene load. For further information, please refer to section 9.2

Quantitation.