



Salmonella paratyphi 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-paratyphi-real-time-pcr-kit-ce-marked/>

Product Summary

DD-0037

Product Description

1. Intended Use

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

2. Product Description

Salmonella paratyphi is part of the Enterobacteriaceae family; it is a Gram-negative motile, aerobic rod which is facultatively anaerobic and there is serological identification of somatic and flagellar antigens. Salmonella paratyphi causes bacterial enteric fever which is characterised by an abrupt onset, continued fever, malaise, headache, anorexia, enlargement of spleen, bradycardia, rose spots on trunk

occur on approximately 25% of Caucasians, constipation is more common than diarrhea in adults; complications include perforation/hemorrhage/ulceration of the intestines, less frequently psychosis, hepatitis, cholecystitis, pneumonitis, and pericarditis. Salmonella paratyphi occurs sporadically or in limited outbreaks and is restricted to humans. It is transmitted by direct or indirect contact with faeces or rarely the urine of a patient or carrier, contaminated food, especially milk, milk products and shellfish, it may be contaminated by the hands of a carrier or flies may be a possible vector. Salmonella paratyphi real time PCR kit contains a specific ready-to-use system for the detection of the Salmonella paratyphi using PCR (polymerase chain reaction) in the real-time PCR system. The master contains reagents and enzyme for the specific amplification of the Salmonella paratyphi DNA. Fluorescence is emitted and measured by the real time systems' optical unit during the PCR. The detection of amplified Salmonella paratyphi 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 defined as 1×10^7 copies/ml is supplied which allow the determination of the gene load. For further information, please refer to section 9.2 Quantitation.