

Link do produktu: <http://www.novazym.sklep.pl/humpcr-l-monocytogenes-48d-p-3984.html>



## HumPCR? L. monocytogenes (48D)

Numer katalogowy

**HUM-N005-48D**

### Opis produktu

### HumPCR? L. monocytogenes (48D)

Listeriosis, a serious infection usually caused by eating food contaminated with the bacterium *Listeria monocytogenes*. The disease primarily affects older adults, pregnant women, newborns, and adults with weakened immune systems. However, rarely, persons without these risk factors can also be affected. The symptoms include fever, muscle aches, and sometimes gastrointestinal symptoms such as nausea or diarrhea. If infection spreads to the nervous system, symptoms such as headache, stiff neck, confusion, loss of balance, or convulsions can occur. In pregnant women, infections during pregnancy can lead to miscarriage, stillbirth, premature delivery, or life-threatening infection of the newborn. HumPCR? L. monocytogenes Detection Kit is the direct detection of *Listeria monocytogenes* on the basis of a genetic database, so it can diagnose very fast and accurately. It can amplify only specific gene using the PCR (Polymerase Chain Reaction) method, and take only 3 hours for detection. Therefore, it is a very fast, accurate and reliable technique.

Products	Code 48 rxs	Code 96 rxs
<i>Listeria monocytogenes</i> PCR Detection Kit	HUM-N005-48D	HUM-N005-96D

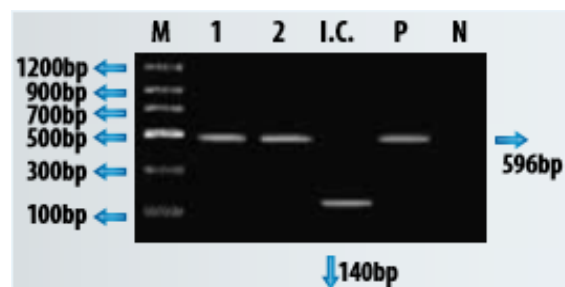
### CONTENTS

Purification Kit	Quantity 48 rxs	Quantity 96 rxs	Package
HumPCR™ L. monocytogenes Premixture	1	1	Vial
PCR Internal Control	1	1	Vial
DNase/RNase free water	1	1	Vial
L. monocytogenes PCR Positive control	1	1	Vial
PCR Negative control	1	1	Vial
Mineral Oil Solution	1	1	Vial
Brig™ Molecular Weight marker	1	1	Vial
DNA purification kit	50	100	Test

### CHARACTERISTICS

Ready to use : only DNA template and D.W. are needed. Easy and speed protocol. Stable for 1 year at -20°C. Time-saving and cost-effective.

### INTERPRETATION OF THE TEST RESULT



**Fig. 1 Result:**

PCR size	596 bp
Lane M	Brig™ Molecular Weight Marker (Bioingentech Ltd.)
Lane 1~2	L. monocytogenes Positive samples
Lane I.C.	Internal control
Lane P	Positive control
Lane N	Negative control