

Link do produktu: <http://www.novazym.sklep.pl/humpcr-l-monocytogenes-96d-p-3985.html>



HumPCR? L. monocytogenes (96D)

Numer katalogowy

HUM-N005-96D

Opis produktu

HumPCR? L. monocytogenes (96D)

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

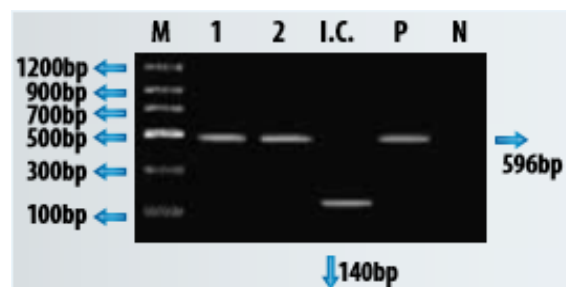


Fig. 1 Result:

| | |
|-----------|---|
| 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 |