



## HumPCR? S. agalactiae (48D)

Numer katalogowy

**HUM-N007-48D**

### Opis produktu

### HumPCR? S. agalactiae (48D)

*Streptococcus agalactiae* is one of four Beta-Hemolytic streptococci. *S. agalactiae* is one of the major causes of meningitis and septicemia among newborns. They become infected during delivery through maternal genital tracts colonized with the bacterium. Adult *S. agalactiae* infections can cause sepsis, pneumonia, endocarditis, osteomyelitis, peritonitis and infections of the skin and connective tissues in immunocompromised individuals. Streptococci are also a common cause of endogenous endophthalmitis, although *S. agalactiae* endophthalmitis in adults is rare. Conditions that predispose adults to *S. agalactiae* infections are cancer, diabetes, and HIV. HumPCR? S. agalactiae Detection Kit is the direct detection of *Streptococcus agalactiae* 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
Streptococcus agalactiae PCR Detection Kit	HUM-N007-48D	HUM-N007-96D

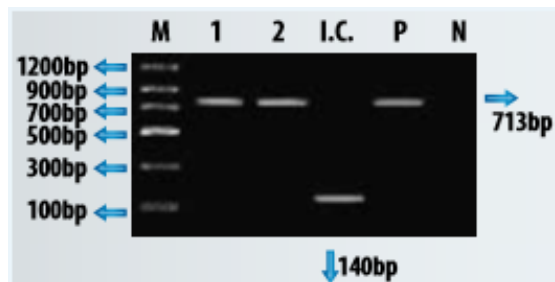
### CONTENTS

Purification Kit	Quantity 48 rxs	Quantity 96 rxs	Package
HumPCR™ S. agalactiae Premixture	1	1	Vial
PCR Internal Control	1	1	Vial
DNase/RNase free water	1	1	Vial
S. agalactiae 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	713 bp
Lane M	Brig™ Molecular Weight Marker (Bioingentech Ltd.)
Lane 1~2	<i>S. agalactiae</i> Positive samples
Lane I.C.	Internal control
Lane P	Positive control
Lane N	Negative control