



# VetPCR? PLASMODIUM (96D)

Numer katalogowy

**VET-A014-96D**

## Opis produktu

### Plasmodium spp. PCR Detection Kit

Hemosporidia are microscopic, intracellular parasitic protozoans found within the blood cells and tissues of their avian hosts. Three closely related genera, Plasmodium, Haemoproteus, and Leucocytozoon, are commonly found in wild birds. Infections in highly susceptible species and age classes may result in death. Hemosporidia are transmitted from infected to uninfected birds by a variety of biting flies that serve as vectors, including mosquitoes, black flies, ceratopogonid flies and louse flies.

VetPCR? PLASMODIUM Detection Kit is the direct detection of Plasmodium spp. on the basis of a genetic data base, 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, reliable technique.

### 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.

### Contents

KIT	Quantity (48)	Quantity (96)	Package
VetPCR™ PLASMODIUM Premixture	1	1	Vial
PCR Internal Control	1	1	Vial
DNase/RNase free water	1	1	Vial
PLASMODIUM 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

### Interpretation of the Test Result

Expected PCR product size : 390bp



**Fig. 1 Result:**

Lane M: Brig? Molecular Weight Marker  
Lane 1~2: PLASMODIUM Positive samples  
Lane I.C.: Internal control  
Lane P: Positive control  
Lane N: Negative control