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Link do produktu: http://www.novazym.sklep.pl/vetpcr-f-columnare-96d-p-667.html



# VetPCR? F. columnare (96D)

Numer katalogowy

VET-P003-96D

# Opis produktu

#### Flavobacterium columnare PCR Detection Kit. Flavobacterium columnare is a thin Gram-negative rod bacterium of the genus Flavobacterium. Fish

with columnarie is a triin Gram-negative rod bacterium of the genus Flavobacterium. Fish with columnaris usually have brown to yellowish-brown lesions (sores) on their gills, skin and/or fins. The bacteria attach to the gill surface, grow in spreading patches, and eventually cover individual gill filaments. This results in cell death. A characteristic lesion produced by columnaris is a pale white band encircling the body, often referred to as saddleback condition. As the infection progresses, a yellowish-brown ulcer often is found in the center of the ?saddle?.

VetPCR? F. columnare Detection Kit is the direct detection of Flavobacterium columnare 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.

### 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™ F. columnare Premixture	1	1	Vial
PCR Internal Control	1	1	Vial
DNase/RNase free water	1	1	Vial
F. columnare 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 : 252bp





**Fig. 1 Result:** Lane M: Brig? Molecular Weight Marker Lane 1~2: F. columnare Positive samples Lane I.C.: Internal control Lane P: Positive control Lane N: Negative control