EurobioPlex
ZIKAVIRUS v2.0 Kit
For qualitative real-time RT-PCR

EUROBIO
Manufacturing

CE
IVD

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Your screening test for ZIKAVIRUS

Get a rapid and efficient diagnosis, at the very early stages of the disease!

THE EUROBIOPLEX ZIKAVIRUS KIT:

✓ **Is convenient and ready for use**

- ONE reaction in ONE single welt/tube

✓ **Is sensitive**

- Analytical sensitivity: 30 Copies of ARN/µl

✓ **Yields quick results**

- 1h10 in qPCR instrument

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DESCRIPTION AND CONTENT OF THE KIT

The real time RT-PCR is a molecular biology technique known for the detection of the virus. Primers and probes of this kit specifically allow the detection of Zikavirus RNA. This RT-PCR test should allow direct diagnosis in the early phase of the disease.

The real-time PCR ZIKAVIRUS kit is ready to use for the specific detection of this virus. The kit contains reagents and enzymes for the amplification of Zikavirus viral RNA, and the control of extraction and amplification by RT-PCR. Fluorescence is emitted and recorded through optical measurements during the PCR. The detection of the amplified fragment is performed by a fluorometer using the following channels: FAM and Cy5.

Data analysis and interpretation

PCR Signal		Presence of Zikavirus	Test validity / comment
FAM	CY5		
+	+	Yes	valid
-	+	No	valid
+	-	Yes	valid*
-	-	?	PCR or RT-PCR inhibition -dilute first 5 x the sample ; if necessary redo an extraction

*Possible PCR inhibition or RTPCR inhibition that does not prevent the detection of virus

Performance analysis

Analytical sensitivity	~30 copies of ARN/µl
Linearity for quantification	30 to 10^9 copies/µl
Variability of the Zika signal (FAM)	
Within an experiment (coeff var)	0,87%
Between experiments (coeff var)	0,44%

For more information, please refer to the technical sheet

Reference	Description	Packaging
EBX-012	EurobioPlex *Zikavirus* REAL TIME RT-PCR	**96** Reactions

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This medical device for in vitro diagnostic is a regulated health product that bears the CE mark under this regulation.