



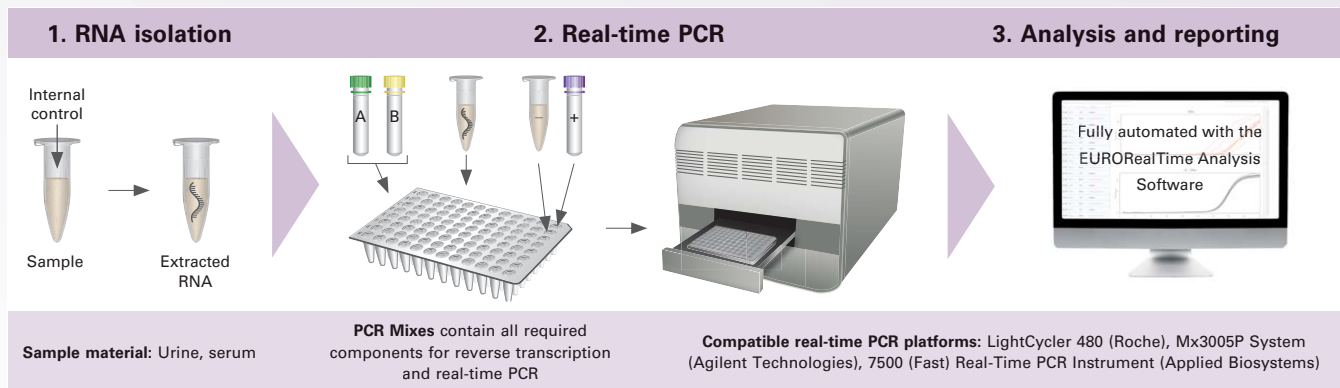
EURORealTime Zika Virus

Direct pathogen detection by real-time PCR

- For the detection of viral RNA in the early phase of a Zika virus infection
- Reverse transcription and real-time PCR in one test
- Fully automated evaluation and documentation using the EURORealTime Analysis Software

EURORealTime Zika Virus PCR

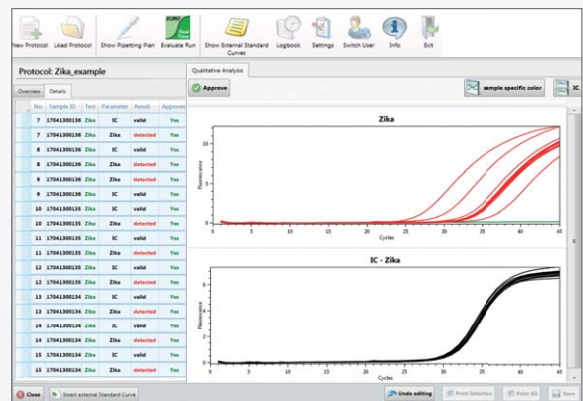
(Order number: MP 2668-####)



EURORealTime Analysis Software

(Order number: YG 0661-0101)

- Standardised and automated raw data analysis for fast and objective result evaluation
- Fully automated report production and result documentation including all internal and external controls
- Convenient guidance through the entire work flow
- Automated layout creation for the PCR plates, including all required controls
- Supplements existing real-time PCR platforms, fully compatible with different LIS



Method comparison

The sensitivity of the EURORealTime Zika Virus PCR was compared to another CE-IVD-certified PCR test in a comparison study. In order to do this, samples with 3 different concentrations of Zika template (3 / 1 / 0.5 cp / µl) were analysed in both systems in triplicate determination. Zika RNA was detected with both tests in all three (at 3 cp / µl) or in 2 out of 3 runs (at 1 / 0.5 cp / µl). Thus, both systems show an identical analytical sensitivity.

In an external comparison study in a Brazilian laboratory, 29 clinical serum and 26 urine samples were analysed with the EURORealTime Zika Virus PCR and another CE-IVD-certified PCR test. There was a very high agreement of the positive and negative results from both test systems of 95.2 %, and 97.0 %, respectively.

		Real-time PCR Zika test manufacturer A	
		positive	negative
EURORealTime Zika Virus PCR	positive	20	1
	negative	1	33