

## Overview of ingenetix real-time PCR control assays:

Information which control assay is suitable for your application can be found at the corresponding ingenetix BactoReal®, ViroReal® and ParoReal products.

Ingenetix real-time PCR control assays can also be combined with user-specific assays.

### 1. For monitoring of PCR inhibition:

ControlReal assays are based on the amplification and detection of an internal positive DNA control target included in the primer-probe mix.

Assay	Suitable for				Channel
	ABI PRISM® 7500	LightCycler® 1.2/1.5/2.0	LightCycler® 480	Mx3005P®	
ControlReal 1	✓			✓	VIC/HEX
ControlReal 2	(✓)	✓			NED (F2, 610 nm)
ControlReal 3	✓		✓	✓	Cy5

(✓) Not for use in combination with assays using TAMRA as quencher

### 2. For control of DNA extraction and monitoring of PCR inhibition:

Internal Positive Control Assays are based on the amplification and detection of an internal positive DNA control target added during extraction or to the mastermix. DNA target is provided in a separate vial.

Assay	Suitable for				Channel
	ABI PRISM® 7500	LightCycler® 1.2/1.5/2.0	LightCycler® 480	Mx3005P®	
Internal Positive Control Assay 1	✓			✓	VIC/HEX
Internal Positive Control Assay 2	(✓)	✓			NED (F2, 610 nm)
Internal Positive Control Assay 3	✓		✓	✓	Cy5

(✓) Not for use in combination with assays using TAMRA as quencher

### 3. For control of RNA extraction and monitoring of RT PCR inhibition:

Internal Positive RNA Control Assays are based on the amplification and detection of an internal positive RNA control target added during extraction or to the mastermix. RNA target is provided in a separate vial.

Assay	Suitable for				Channel
	ABI PRISM® 7500	LightCycler® 1.2/1.5/2.0	LightCycler® 480	Mx3005P®	
Internal Positive RNA Control Assay 1	✓			✓	VIC/HEX
Internal Positive RNA Control Assay 2	(✓)	✓			NED (F2, 610 nm)
Internal Positive RNA Control Assay 3	✓		✓	✓	Cy5

(✓) Not for use in combination with assays using TAMRA as quencher