



Target Name <sup>1</sup>	Assay Type <sup>2</sup>	Species Selectivity	Sequence Specificity <sup>3</sup>	Example for Application
<i>undisclosed</i>	qPCR	Adenovirus Type 5	PROBE	Detection
<i>undisclosed</i>	qPCR	Chlamydomphilia pneumoniae	PROBE	Detection
Diphtheria toxin	qPCR	Corynebacterium diphtheriae	PROBE	Detection
rpoB	qPCR	Corynebacterium	PROBE	Detection
16S rRNA	RTqPCR	E coli	PROBE	Residual host cell impurity
23S rRNA	RTqPCR	E coli	PROBE	Residual host cell impurity
Kan R (nptI)	qPCR	E coli plasmid	PROBE	Plasmid copy number
Kan R (nptII)	qPCR	E coli plasmid	PROBE	Plasmid copy number
Amp R	qPCR	E coli plasmid	PROBE	Plasmid copy number
<i>undisclosed</i>	qPCR	Haemophilus influenzae	PROBE	Detection
18S rRNA	RTqPCR	Homo sapiens	PROBE	ΔΔCt
CD31 (PECAM-1)	RTqPCR	Homo sapiens	PROBE	ΔΔCt
c-Myc	RTqPCR	Homo sapiens	PROBE	ΔΔCt MSC senescence
FGF-2	RTqPCR	Homo sapiens	PROBE	ΔΔCt
GAPDH	RTqPCR	Homo sapiens	PROBE	ΔΔCt
HMBS	RTqPCR	Homo sapiens	PROBE	ΔΔCt
KLF9	RTqPCR	Homo sapiens	PROBE	ΔΔCt
NPY	qPCR	Homo sapiens	PROBE	Detection
p16 (CDKN2A)	RTqPCR	Homo sapiens	PROBE	ΔΔCt MSC senescence
p21 (CDKN1A)	RTqPCR	Homo sapiens	PROBE	ΔΔCt MSC senescence
P42-MAPK	RTqPCR	Homo sapiens	PROBE	ΔΔCt
p53	RTqPCR	Homo sapiens	PROBE	ΔΔCt MSC senescence
TERT	RTqPCR	Homo sapiens	PROBE	ΔΔCt MSC senescence
<i>undisclosed</i>	qPCR	Homo sapiens	PROBE	Human stem cell biodistribution
VEGF-A	RTqPCR	Homo sapiens	PROBE	ΔΔCt
oppA / oppA2	qPCR	Lactococcus lactis	PROBE	Genomic DNA quantification
<i>undisclosed</i>	qPCR	Legionella pneumophila	PROBE	Detection
GAPDH	qPCR	Mesocricetus auratus	PROBE	Genomic DNA quantification
VEGF-A	RTqPCR	Mesocricetus auratus	PROBE	ΔΔCt
<i>undisclosed</i>	qPCR	Moraxella catarrhalis	PROBE	Detection
18S rRNA	RTqPCR	Mus musculus	PROBE	ΔΔCt
CD31 (PECAM-1)	RTqPCR	Mus musculus	PROBE	ΔΔCt
<i>undisclosed</i>	qPCR	Mus musculus	PROBE	Genomic DNA quantification



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<i>undisclosed</i>	qPCR	Mycoplasma pneumoniae	PROBE	Detection
<b>ARG4</b>	qPCR	Pichia pastoris	PROBE	MCB / WCB characterization
<b>HIS4</b>	qPCR	Pichia pastoris	PROBE	MCB / WCB characterization
<b>26S rRNA</b>	qPCR	Pichia pastoris	SYBR	MCB / WCB characterization
<b>INF alpha 1</b>	RTqPCR	Rattus norvegicus	PROBE	ΔΔCt
<b>MAPK 14</b>	RTqPCR	Rattus norvegicus	PROBE	ΔΔCt
<b>Pgk1</b>	RTqPCR	Rattus norvegicus	PROBE	ΔΔCt
<b>PERV-C Pol</b>	qPCR	Sus spec.	PROBE	Genomic DNA quantification
<b>Fem B</b>	qPCR	Staphylococcus aureus	PROBE	Detection
<i>undisclosed</i>	qPCR	Staphylococcus aureus MRSA	PROBE	Detection
<i>undisclosed</i>	qPCR	Streptococcus pneumoniae	PROBE	Detection
<b>Sphingomyelinase</b>	RTqPCR	Staphylococcus aureus	PROBE	ΔΔCt

1 as published under the corresponding nucleotide sequence accession number at NCBI.

2 qPCR = quantitative PCR; RTqPCR = suitable for detecting RNA and DNA (if not intron-spanning, or annealing to exon-intron boundary);

3 SYBR = no sequence-specific probe applied; PROBE = sequence-specific probe applied.

Numerous real-time qPCR and/or RTqPCR assays are currently available.

Please find below some of the most relevant assays.

If you require assays which have not been listed here, please contact the Accelero team for further inquiries.

The table may routinely be updated on a half-yearly basis.