

## REALQUALITY RQ-PML-RARa bcr3 STANDARD



Single-plasmid standards for quantification of the PML-RARa bcr3 and ABL transcripts

### Code RQ-184

<b>Description</b>	<p>The quantified REALQUALITY RQ-PML-RARa bcr3 STANDARD must be used in combination with REALQUALITY RQ-PML-RARa bcr3 One-Step kit, code RQ-183.</p> <p>The standard is composed by a double-stranded circular DNA containing 2 specific cDNA fragments for the PML-RARa bcr3 and ABL targets, and is not harmful to the user.</p> <p>REALQUALITY RQ-PML-RARa bcr3 STANDARD has been calibrated, verifying the ABL target, using ERM-AD623 (IRMM), a certified reference material of known titer.</p>
<b>Reagents status</b>	Ready-to-use
<b>Packaging</b>	<p>4 x 135 µL</p> <p>4 calibration points, aliquoted in 3 x 45 µL, are provided. The 4 calibration points are sufficient for 6 analytical sessions in which each calibration point can be tested in duplicate, both for RQ-PML-RARa bcr3 and ABL.</p>
<b>Stability</b>	<p>12 months</p> <p>Each standard aliquot of the standard can undergo a maximum number of 3 freeze/thaw cycles: further cycles compromise the stability of the product and may alter its concentration.</p>
<b>Storage</b>	<p>-30°C/-20°C</p> <p>It is recommended to freeze the standard after each use.</p>
<b>Concentration</b>	<p>STANDARD 1: 100 copies/5 µL*</p> <p>STANDARD 2: 1.000 copies/5 µL*</p> <p>STANDARD 3: 10.000 copies/5 µL*</p> <p>STANDARD 4: 100.000 copies/5 µL*</p> <p>* The use of REALQUALITY RQ-PML-RARa bcr3 STANDARD allows direct quantification of cDNA samples without additional processing of the results (EUTOS – European Treatment and Outcome Study for CML – Version 4 August 2014).</p>
<b>Instructions for use</b>	<p>Use 5 µL of each standard point, according to the details contained in the REALQUALITY RQ-PML-RARa bcr3 One-Step kit, code RQ-183, user manual.</p> <p>Vortex and centrifuge each vial before every use.</p>

ORDER INFORMATION		
Code	Product	PKG
RQ-184-SM	REALQUALITY RQ-PML-RARa bcr3 STANDARD	4 x 135 µL
<b>In combination with the product:</b>		
RQ-183-4M	REALQUALITY RQ-PML-RARa bcr3 One-Step	50 tests
RQ-183-6M		100 tests