

## Product Datasheet

### qPCR MultiplexMaster (orb2646474)

<b>Catalog Number</b>	orb2646474
<b>Category</b>	Assays and Kits
<b>Description</b>	<p>qPCR MultiplexMaster is designed for quantitative real-time analysis of DNA samples using Dual Labeled Fluorescent Probes, e.g. TaqMan, Molecular Beacons or FRET probes. The master mix is specially optimized for setting-up multiplex assays with <math>\geq 4</math> target sequences in a single tube. The system overcomes multiplex limitations of conventional qPCR probe mixes combining an above-average robustness for a multitude of known PCR inhibitors with an excellent sensitivity for amplification of lowest template amounts. The 2x concentrated master mix contains all reagents required for qPCR (except template and primer/probe sets) including a highly processive antibody-inhibited hot-start polymerase and ultra-pure dNTPs. The mix provides an extremely stringent automatic hot-start allowing reaction set-up and allows temporary storage at room temperature prior to PCR. The reaction chemistry of the mix is optimized for block-based PCR instruments. The mix can also be used with ROX reference dye (#PCR-351) in PCR instruments that are compatible with the evaluation of the ROX signal.</p>
<b>Form/Appearance</b>	liquid
<b>Concentration</b>	2x conc.
<b>Storage</b>	store at -20 °C. avoid freeze/thaw cycles. Storage at 4 °C for up to 1 week
<b>Note</b>	For research use only
<b>Expiration Date</b>	6 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558