

## Product Datasheet

### Multiplex PCR Master (orb1733723)

<b>Catalog Number</b>	orb1733723
<b>Category</b>	Assays and Kits
<b>Description</b>	<p>Multiplex PCR Master is specially designed for the set-up of multiplex PCR reactions. It contains an optimized composition of polymerase, nucleotides, MgCl<sub>2</sub> and stabilizing components in a specifically developed buffer system allowing the parallel amplification of a multitude of fragments in a single PCR assay. The master mix contains all reagents (except primer and template) in a 2x concentrated ready-to-use solution. The kit is recommended for use in routine PCR reactions and highly suitable for multiple target gene amplification in a single tube. The high specificity and sensitivity of the mix is achieved by a chemically inhibited hot-start polymerase. Its activity is blocked at ambient temperature preventing the extension of nonspecifically annealed primers and primer-dimer formations at low temperatures during PCR setup.</p>
<b>Form/Appearance</b>	liquid
<b>Concentration</b>	2x conc
<b>Storage</b>	store at -20 °C. avoid freeze/thaw cycles
<b>Note</b>	For research use only
<b>Expiration Date</b>	6 months from date of receipt.

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