

## Product Datasheet

# Vazyme - ChamQ SYBR qPCR Master Mix (Low ROX Premixed) (Q331-03)

<b>Catalog Number</b>	Q331-03
<b>Category</b>	Tools
<b>Description</b>	<p>ChamQ SYBR qPCR Master Mix (Low ROX Premixed) is a special premix for qPCR assays based on SYBR Green I fluorescence method. The core component, Champagne Taq DNA Polymerase, is a novel antibody-modified hot-start DNA polymerase with high specificity and detection sensitivity. Equipped with the optimized buffer for qPCR and specificity-promoting factors, it is very suitable for highly specific and sensitive qPCR assays. This product is a 2 × premix reagent that contains SYBR Green I at an optimal concentration for qPCR. It can obtain a good standard curve in a wide quantitative range, and accurately quantify target genes with good repeatability and high reliability.</p>
<b>Application notes</b>	<p>High efficiency hot-start polymerase: Novel antibody modified hot-start DNA polymerase with strong amplification performance and high sensitivity. High specificity: The specificity-enhancing factor Exactor inhibits non-specific amplification and primer dimerization to a large extent. Low concentration ROX is premixed in Vazyme #Q331. It is applicable for ABI7500, QuantStudio1/3/5/6Flex/7Flex, MX4000/3005P/3000P and other qPCR instruments.</p>
<b>Usage Notes</b>	Restricted to UK and Ireland's customers ONLY
<b>Storage</b>	<p>Store at -30 ~ -15 °C and protect from light. Transport at ≤0 °C . After thawing, the Master mix can be stored stably for 6 months at 2 ~ 8 °C and protected from light. ▲ If white precipitate is found in the Master Mix after thawing, place it at room temperature for a short while and invert the tube upside down several times to dissolve the precipitate. Please make sure the precipitates have fully dissolved and mix thoroughly before use.</p>
<b>Background</b>	Only available for the UK and Republic of Ireland

**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](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

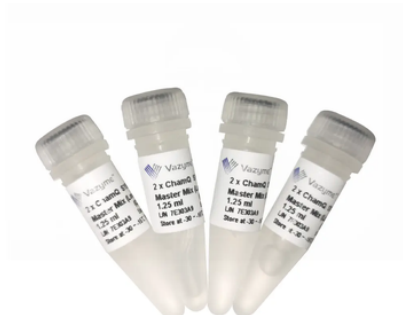
**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Note** For research use only

**Expiration Date** 12 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](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

## Biorbyt LLC

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

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

Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)