

## Product Datasheet

# Vazyme - ChamQ SYBR Color qPCR Master Mix (Low ROX Premixed) (Q431-02)

<b>Catalog Number</b>	Q431-02
<b>Category</b>	Tools
<b>Description</b>	<p>ChamQ SYBR Color qPCR Master Mix is a special 2 × 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. In addition, this product can track the pipetting process by using the color change effect produced by the mixing of different dyes, thereby significantly reducing pipetting errors.</p>
<b>Application notes</b>	<p>Reduce pipetting errors: The components contain special tracer dyes that allow the pipetting process to be tracked by color changes. High efficiency hot-start polymerase: Novel antibody modified hot-start Champagne Taq 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 Biorbyt #Q431. 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>

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**Background** Only available for the UK and Republic of Ireland

**Note** For research use only

**Expiration Date** 12 months from date of receipt.



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