

Product Datasheet

Vazyme - ChamQ SYBR Color qPCR Master Mix (High ROX Premixed) (Q441-02)

Catalog Number	Q441-02
Category	Tools
Description	<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>
Application notes	<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. High concentration ROX is premixed in Vazyme #Q431. It is applicable for Step One, Step One Plus, ABI 5700/7300/7700/7900/7900HT and other qPCR instruments.</p>
Usage Notes	Restricted to UK and Ireland's customers ONLY
Storage	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.

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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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