

## Product Datasheet

### Vazyme - FreeZol Reagent (R711-02)

<b>Catalog Number</b>	R711-02
<b>Category</b>	Tools
<b>Description</b>	<p>FreeZol Reagent is widely applicable to the extraction of total RNA from cultured cells, animal tissues, and simple plant tissues. Compared with the conventional Trizol method, this product features a simple procedure that can be performed at room temperature with no need to use chloroform for phase separation. In addition, this product ensures the integrity and purity of the extracted RNA by precipitating proteins, DNA, polysaccharides and other impurities in the organic phase while retaining RNA in the upper aqueous phase. The whole procedure can be completed in 1 h. The obtained total RNA can be used directly for RT-PCR, qRT-PCR, Northern blot, Dot blot, in vitro translation, NGS, and other molecular biology experiments.</p>
<b>Application notes</b>	<p>Safe and low in toxicity: No need for toxic and harmful reagents such as chloroform and <math>\beta</math>-mercaptoethanol Ease to use: RNA extraction in a monophasic system, no phase separation, all operations at room temperature High RNA quality: High purity and integrity of RNA at a yield comparable to the traditional Trizol method <a href="https://vazyme-website-us.s3.amazonaws.com/acdd6c7f621047fbbd63d7799f6e20b1">https://vazyme-website-us.s3.amazonaws.com/acdd6c7f621047fbbd63d7799f6e20b1</a></p>
<b>Usage Notes</b>	Restricted to UK and Ireland's customers ONLY
<b>Storage</b>	Store at 2~8°C and transport them at room temperature.
<b>Background</b>	Only available for the UK and Republic of Ireland
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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