

# Certificate of analysis

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**Product Name/Description:** Takara IVTpro™ T7 mRNA Synthesis Kit (low dsRNA)  
**Cat. #:** 6134  
**Lot #:** Specified on product label  
**Storage Conditions:** -20 degrees C  
**Expiration Date:** Specified on product label or package

**Package Size:** 20 Rxns

<b>Package Contents:</b>	1. 10X Transcription Buffer	40 µl	
	2. 10X ATP	40 µl	
	3. 10X CTP	40 µl	
	4. 10X GTP	40 µl	
	5. 10X UTP	40 µl	
	6. 10X Enzyme Mix 2	40 µl	
	7. Nuclease-Free Water	1 ml	x 3
	8. DNase I	80 µl	
	9. Lithium Chloride Precipitation Solution	600 µl	
	10. Positive Control Template (FLuc)	0.5 µg/µl	10 µl

**Quality Control Data:**

In vitro transcription was performed in a 20 µl reaction using the control template supplied in the kit. It resulted in the production of 160 µg or more RNA (mean value of two values), which showed a ≥90% target purity in Bioanalyzer analysis.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

**Notice To Purchaser:**

Please refer to the website.

**Product Documents, Patent Markings, Trademarks, & Safety Information:**

Refer to website for availability to download or contact your local office:

[www.takara-bio.co.jp](http://www.takara-bio.co.jp) (Japanese)

[www.takarabio.com](http://www.takarabio.com) (English)

**Licence Statements:**

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