

# Certificate of analysis

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**Product Name/Description:** Takara IVTpro™ T7 mRNA Synthesis Kit  
**Cat. #:** 6144  
**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	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 a minimum of 180 µg RNA, 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)

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