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# Viogene® Single Cell *miTotal*™ RNA Extraction System

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**Tools for Genomics**

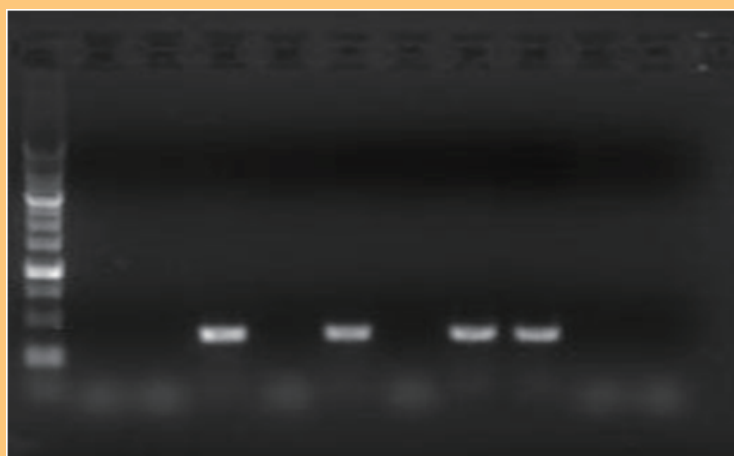
# Viogene® Single Cell *miTotal*™ RNA Extraction System

The system provides a simple and efficient method for total RNA extraction from single cells, such as animal cells from culture or blood buffy coat. A simple spin-column based method can isolate large RNAs, siRNAs and microRNAs without the time-consuming procedure of phenol/chloroform extraction and ethanol precipitation, the highly purified total RNA can be used for quantitative detection of RNA level using quantitative method, such as RT-PCR, RT-qPCR, digital RT-qPCR or microarray.

**MicroRNA (>17 nt) can be enriched and purified efficiently.**

**● Processing Time: 20 ~ 30 minutes**

**• Efficient total RNA extraction from single**



*RT-PCR of the house keeping GAPDH gene from four putative single cell miTotal RNA extraction, four PCR bands were detected individually in ten single RT-PCR reaction.*

## **Downstream Applications:**

- \* RT-PCR**
- \* RT-qPCR**
- \* Digital RT-qPCR**
- \* Microarray**
- \* cDNA synthesis**

## **Ordering Information**

<b>Product</b>	<b>Package</b>	<b>Contents</b>	<b>Cat. No.</b>
Viogene® Single Cell <i>miTotal</i> ™ RNA Extraction System	<b>50 preps</b>	50 Total RNA Mini Columns, RNase-free ddH <sub>2</sub> O, Buffers	<b>SCVTR1001</b>
	<b>250 preps</b>	250 Total RNA Mini Columns, RNase-free ddH <sub>2</sub> O, Buffers	<b>SCVTR1002</b>

NO. 10206A