

EpiQuik™ m⁶A RNA Methylation Quantification Kit (Colorimetric)



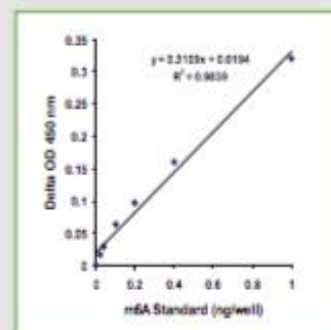
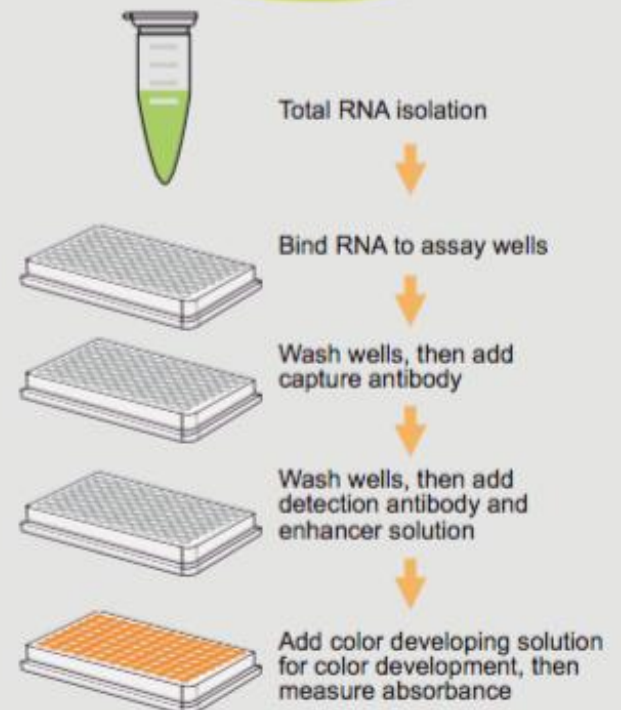
The **EpiQuik m⁶A RNA Methylation Quantification Kit (Colorimetric)** contains all reagents necessary for the quantification of N6-methyladenosine (m⁶A) in RNA. It is suitable for the direct detection of m⁶A RNA methylation status using total RNA isolated from any species such as mammals, plants, fungi, bacteria, and viruses. The kit has the following advantages and features:

- ▶ Colorimetric assay with easy-to-follow steps for convenience and speed. The entire procedure can be completed within 3 hours and 45 minutes.
- ▶ High sensitivity, of which the detection limit can be as low as 10 pg of m⁶A.
- ▶ Unique binding solution allows RNA >70 nts to be tightly bound to the wells, which enables quantification of m⁶A from both mRNA and ncRNA such as tRNA, rRNA, and snRNA.
- ▶ Optimized antibody and enhancer solutions allow high specificity to m⁶A, with no cross-reactivity to unmethylated adenosine within the indicated concentration range of the sample RNA.
- ▶ Universal positive and negative controls are included, which are suitable for quantifying m⁶A from any species.
- ▶ Strip-well microplate format makes the assay flexible for manual or high throughput analysis.
- ▶ Simple, reliable, and consistent assay conditions.

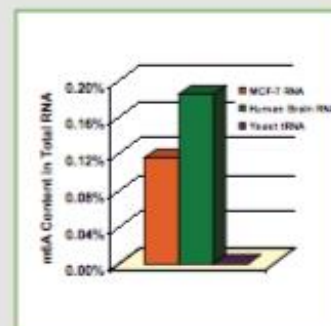
Ordering Information

Product Name	Size	Cat. No.
EpiQuik m ⁶ A RNA Methylation Quantification Kit (Colorimetric)	48 reactions	P-9005-48
	96 reactions	P-9005-96

**Directly Quantify
m⁶A RNA Methylation
Levels from RNA
Samples**



◀ m⁶A standard control was added into the assay wells at different concentrations and then measured with the EpiQuik m⁶A RNA Methylation Quantification Kit (Colorimetric).



◀ Quantification of m⁶A RNA methylation in different samples. 200 ng of RNA isolated from different tissue or cells were added into the assay wells and the m⁶A contained in RNA was measured using the EpiQuik m⁶A RNA Methylation Quantification Kit.