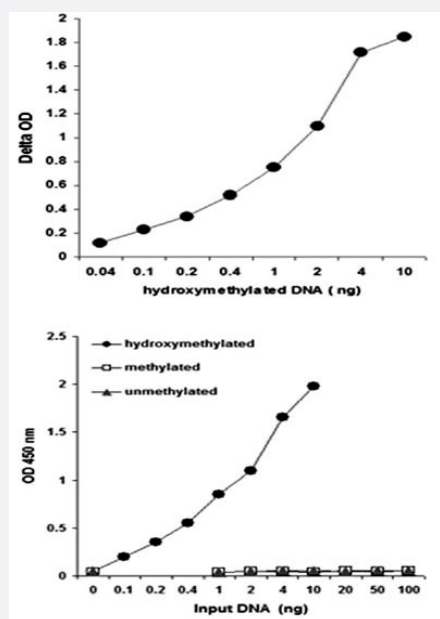


# Hydroxymethylated DNA Quantification Kit (Colorimetric)

Catalog # KA1512      Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Demonstration of 5-hydroxymethylcytosine in human brain and colon tissues with 200 ng DNA from different tissues or cells shows OD intensity (A) and percentage of hydroxymethylated DNA (B).

## Specification

<b>Product Description</b>	Hydroxymethylated DNA Quantification Kit (Colorimetric) is used for measuring hydroxymethylated DNA.
<b>Suitable Sample</b>	DNA Extract
<b>Sample Volume</b>	1-8 uL (200 ng include)
<b>Detection Method</b>	Colorimetric

<b>Calibration Range</b>	0.5 to 10 ng/uL
<b>Limit of Detection</b>	40 pg hydroxymethylated DNA
<b>Regulation Status</b>	For research use only (RUO)
<b>Quality Control Testing</b>	<p>Standard Curve</p> <p>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.</p>
<b>Storage Instruction</b>	Store HC3, HC4, HC5, HC7 and HC8 at -20°C away from light. Store HC1, HC6, HC9 and 8-Well Assay Strips at 4°C away from light. Store all other components at room temperature away from light.
<b>Note</b>	Demonstration of 5-hydroxymethylcytosine in human brain and colon tissues with 200 ng DNA from different tissues or cells shows OD intensity (A) and percentage of hydroxymethylated DNA (B).

## Applications

- Quantification