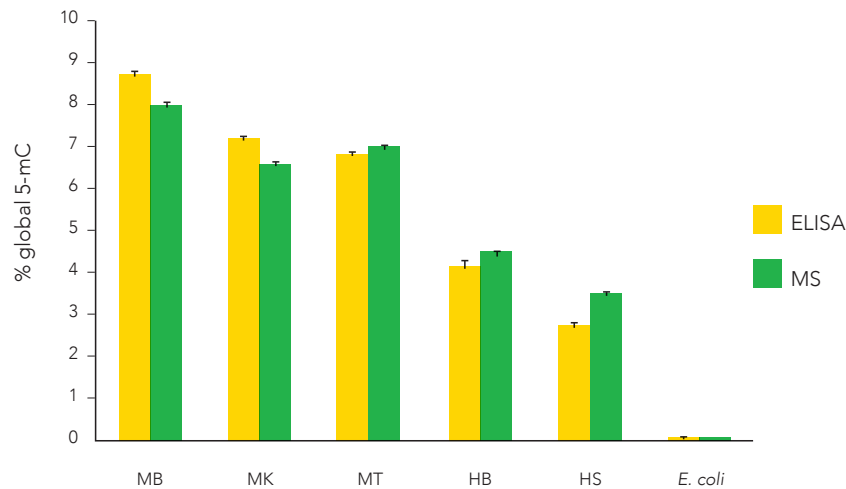


# Rapid Global 5-mC Quantification

## 5-mC DNA ELISA Kit

- **Accurate Quantification:** Sensitive and specific quantification of 5-methylcytosine (5-mC) DNA from a variety of samples.
- **High-Throughput:** 96-well format is ideal for processing just a few samples to a large number of samples.
- **Simple:** The streamlined workflows can be completed in 4 hours or less.

### Specific Quantitation of 5-mC



**The 5-mC DNA ELISA Kit can quantify 5-mC in numerous DNA samples with close correlation to LC-MS.** 100 ng of genomic DNA from mouse brain (MB), mouse kidney (MK), mouse thymus (MT), human brain (HB), human spleen (HS), and *E. coli* ER2925 were used to coat wells, in triplicate. Percent 5-mC was calculated using the logarithmic equation of the line from the standard curve that was constructed with the Negative Control and the Positive Control. The percent 5-mC calculated in DNA samples using the 5-mC DNA ELISA Kit (ELISA) strongly correlates to mass spectrometry (MS) data of 5-mC found in the respective gDNA sample.

Product	Cat. No.	Size
5-mC DNA ELISA Kit	D5325	1 x 96 rxns
	D5326	2 x 96 rxns