

Histone Demethylase (H3-K4 Specific) Activity/Inhibition Assay Kit

Catalog # KA0573

Size 1 Kit

Specification

Product Description	Histone Demethylase (H3-K4 Specific) Activity/Inhibition Assay Kit is use for measuring activity/inhibition of H3-K4 specific histone demethylases using cell/ tissue extracts.
Regulation Status	For research use only (RUO)
Storage Instruction	Store HD3, HD4, HD6 and HD7 at -20°C away from light. Store all other components at 4°C away from light.

Applications

- Functional Study

Gene Info — AOF2

Entrez GeneID	23028
Gene Name	AOF2
Gene Alias	BHC110, KDM1, KIAA0601, LSD1
Gene Description	amine oxidase (flavin containing) domain 2
Omim ID	609132
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a nuclear protein containing a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	BRAF35-HDAC complex protein BHC110 FAD-binding protein BRAF35-HDAC complex, 110 kDa subunit lysine (K)-specific demethylase 1 lysine-specific histone demethylase 1