

## ARG83609 Histidine Assay Kit

Package: 100 assay  
Store at: 4°C, -20°C

### Summary

Product Description	ARG83609 Histidine Assay Kit is a detection kit for the quantification of Histidine in Tissue/cell lysate and other biological samples.
Tested Reactivity	All
Tested Application	FuncSt
Target Name	Histidine
Conjugation	HRP
Conjugation Note	Read at 450 nm.
Sensitivity	4 µM
Sample Type	Tissue/cell lysate and other biological samples.
Standard Range	7.8 - 500 µM
Sample Volume	50 µl
Alternate Names	L-histidine; histidine; 71-00-1; H-His-OH; glyoxaline-5-alanine

### Properties

Form	Liquid
Storage instruction	Store the kit at 4°C, -20°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Background	L-histidine is the L-enantiomer of the amino acid histidine. It has a role as a nutraceutical, a micronutrient, a <i>Saccharomyces cerevisiae</i> metabolite, an <i>Escherichia coli</i> metabolite, a human metabolite, an algal metabolite and a mouse metabolite. It is a proteinogenic amino acid, a histidine and a L-alpha-amino acid. It is a conjugate base of a L-histidinium(1+). It is a conjugate acid of a L-histidinate(1-). It is an enantiomer of a D-histidine. It is a tautomer of a L-histidine zwitterion.
------------	--