

ARG83393 Pyridoxine Hydrochloride / Vitamin B6 Assay Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83393 Pyridoxine Hydrochloride / Vitamin B6 Assay Kit can be used to measure Pyridoxine Hydrochloride / Vitamin B6 in Tissue extracts and other biological fluids.
Tested Reactivity	Other
Tested Application	FuncSt
Target Name	Pyridoxine Hydrochloride / Vitamin B6
Conjugation Note	Read at 390 nm
Sensitivity	50 µmol/l
Sample Type	Tissue extracts and other biological fluids.
Standard Range	100 µmol/l - 5000 µmol/l
Sample Volume	20 µl
Alternate Names	Pyridoxine Hydrochloride; 58-56-0; Pyridoxine HCl; Pyridoxol hydrochloride; Vitamin B6 hydrochloride; vitamin B6; Hexa-Betalin

Application Instructions

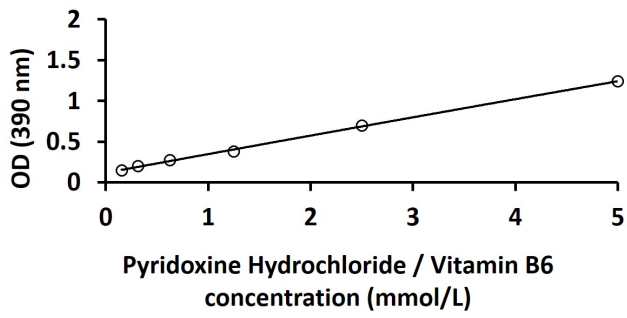
Assay Time	20 min
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Properties

Form	96 well
Storage instruction	Store the kit at 4°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

Function	Pyridoxine Hydrochloride is the hydrochloride salt form of pyridoxine, a water-soluble vitamin B. Pyridoxine hydrochloride is converted into the active form, pyridoxal 5'-phosphate (PLP), an essential cofactor in many enzymatic activities including synthesis of amino acids, neurotransmitters, and sphingolipids. This vitamin is essential to red blood cell, nervous system, and immune systems functions and helps maintain normal blood glucose levels.
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ARG83393 Pyridoxine Hydrochloride / Vitamin B6 Assay Kit standard curve image

ARG83393 Pyridoxine Hydrochloride / Vitamin B6 Assay Kit results of a typical standard run with optical density reading at 390 nm.