



Arginase Activity Assay kit

Arginase, also known as L-arginine urea hydrolase or L-arginine amidinyl hydrolase, is a manganese metalloenzyme. Arginase is found in bacteria, yeast, plants, invertebrates and vertebrates, and is thought to have first appeared in bacteria. The main function of arginase in microorganisms is probably to participate in maintaining the dynamic balance of L-arginine and in regulating a variety of important metabolic processes. Arginase catabolizes L-arginine into L-ornithine and urea, urea reacts with alpha-isonitrosopropiophenone to produce a derivative with an absorption peak at 560 nm. By measuring the production of urea, the size of the arginine activity can be calculated.

Catalog No.	250555
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs