Active Native Rat Arginase

Cat. No. Arg1-150R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Rat arginase was purified from Rat Liver.
Species	Rat
Source	Rat Liver
Description	Arginase is a manganese-containing enzyme. Arginase deficiency typically refers to decreased function of arginase I, the liver isoform of arginase. This deficiency is commonly referred to as hyperargininemia or arginemia. The disorder is hereditary and autosomal recessive. Arginase is characterized by lowered activity of arginase in hepatic cells.
Form	Lyophilized powder containing sodium maleate and manganese sulfate
Bio-activity	Typically >250 U/mg protein
Unit Definition	One unit will catalyze the hydrolysis of of one micromole of L-arginine to L-ornithine and urea per minute at 37C and pH 9.5

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