



Creatinine(N) [HRP] (DAG1075)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Creatinine(N), HRP conjugate
Antigen Description	Creatinine is present in all body secretions and is a by-product of muscle metabolism, formed by a spontaneous and irreversible conversion from creatine and creatine phosphate. The formation of creatinine is proportional to total muscle mass, and approximately to body weight. The production rate shows minimal daily variations, unless the muscle mass changes, with 2% of whole body creatinine being transformed every 24 hours. Since creatinine is excreted at a relatively constant rate, measurement of urinary creatinine can indicate if the urinary concentration has been adjusted by in vivo or in vitro dilution.
Species	N/A
Conjugate	HRP
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Creatinine is a breakdown product of creatine phosphate in muscle, and is usually produced at a fairly constant rate by the body (depending on muscle mass).
Keywords	Creatinine; 2-Imino-1-methylimidazolidin-4-one; 1-Methylglycocycamidine; 1-Methylhydantoin-2-imide