

Urinary Creatinine (Human/Mouse/Rat) Assay kit

Cat. No. Kit-0840 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Urinary Creatinine (Human/Mouse/Rat) Assay kit is an enzyme-linked immunosorbent assay for simultaneous quantification of albumin and creatinine in human, mouse and rat.
Description	This assay is designed for companion use with Exocell's immunospecific ELISAs for urine albumin excretion*, allowing expression of results as μg albumin per mg creatinine in the urine. Adaptation of creatinine measurement to microtiter wells enables convenient, simultaneous determination of albumin and creatinine concentrations in the same specimen, using analogous microtiter plate formats. Normalization of albumin excretion in relation to creatinine facilitates classification according to defined ranges of microalbuminuria, the established marker of early diabetic renal dysfunction. The urine albumin-to creatinine ratio in a random urine specimen is an accepted alternative to cumbersome 24 hour urine collections in the detection and monitoring of microalbuminuria.
Applications	A microplate assay for the quantitative determination of urinary creatinine.
Target Species	Human, Mouse, Rat
Usage	For research use only (RUO)
Storage	Store the kit at room temperature.
Kit Components	96 well microtiter plates 2 x 96 (8x12) wells Picrate Reagent 10 mL x 21 N NaOH 1 vial Acid Reagent 12 mL x 2 Standards (1, 3 and 10 mg/dL) 3 vial

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Detection method	Colorimetric
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Compatible Sample Types	Urine
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