

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

Protocol for Albuwell M kit: Murine Microalbuminuria ELISA By Exocell Inc

DOI:10.17504/protocols.io.34mgqu6

Type: Protocol

Proper Citation

Kathi Burke, Peter Reifsnyder 2019. Protocol for Albuwell M kit: Murine Microalbuminuria ELISA By Exocell Inc. protocols.io dx.doi.org/10.17504/protocols.io.34mgqu6

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.34mgqu6>

Authors: Kathi Burke, Peter Reifsnyder

Group: Diabetic Complications Consortium

Summary: Albuwell M is an indirect competitive ELISA designed to monitor kidney function in the mouse by measurement of urinary albumin. To complete the assay, sample and rabbit anti-murine albumin antibody are added to albumin coated wells. The antibody interacts and binds with the albumin immobilized to the stationary phase or with albumin in the fluid phase, hence the notion of competitive binding. A subsequent reaction with anti-rabbit -HRP conjugate labels the probe with enzyme. After washing, only the antibody-conjugate bound to the stationary phase remains in the well, and this is detected using a chromogenic reaction. Color intensity is inversely proportional to the logarithm of albumin in the fluid phase. The assay may be completed in less than 2.5 hours
Diabetic Complication:

Affiliations: University of Arizona, Frank Brosius Lab, The Jackson Laboratory, Ed Leiter Lab

External URL: <https://www.diacomp.org/shared/document.aspx?id=22&docType=Protocol>

Version: 1

Publication Date: 2019

Proper Citation: Kathi Burke, Peter Reifsnyder 2019. Protocol for Albuwell M kit: Murine Microalbuminuria ELISA By Exocell Inc. protocols.io dx.doi.org/10.17504/protocols.io.34mgqu6

Record Creation Time: 20210329T220514+0000

Record Last Update: 20210329T220819+0000

Data and Source Information

Source: