Neutrophil Elastase Activity Assay (fluorometric)

A plate based fluorometric assay to measure elastase activity in a variety of biological sample types with a sensitivity below 50 µU in a sample well.

Neutrophil elastase is a key component of the immune response. The primary function of neutrophil elastase is to degrade bacterial components at the site of infection, contributing to the breakdown of the bacterial cell wall. In inflammatory disease conditions, neutrophil elastase becomes dysregulated, being released inappropriately by the neutrophils and degrading ECM proteins which are essential for tissue integrity and function. This is seen in conditions such as COPD, ARDS and autoimmune disorders like rheumatoid arthritis. The ability to selectively target neutrophil elastase with inhibitors in several disease states could mitigate excessive tissue destruction while preserving its activity in infections. The ability to measure neutrophil elastase activity is essential in this work. AkrivisBio's Neutrophil Elastase Activity Assay is a simple, sensitive means of assessing elastase activity in a variety of biological sample types with a sensitivity below 50 µU in a sample well.

Ordering Information

Order Online »

AKR-MA-0156	100 wells

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Fluorescent detection
Species Reactivity	Species independent
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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