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Promega introduces new Lumit Immunoassays for ELISA users

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Faster answers for immunology and cancer research



Researchers studying immunity and inflammation now have a faster, easier alternative to traditional enzyme-linked immunosorbent assays (ELISAs) with new Promega bioluminescent assays launched.

The Lumit Cytokine Immunoassays can quantitatively detect released cytokines from cell culture samples in 70 minutes. These luminescent assays are scalable for use in basic research or high-throughput screening for drug discovery and development. Cytokines are signalling molecules critical for regulating inflammation and immune responses.

While traditional ELISA-based cytokine detection methods can require hours of hands-on time to produce results, Lumit Cytokine Immunoassays offer a simpler, faster protocol.

Features of these kits include- No-wash protocol; Add-and-read assay format; and Broad linear range with no dilution steps required.

Ready-to-use assays are available for six common targets: IL-1? IL-2, IL-4, IL-6, IL-10, IFN-? and TNF-?. The assays can be adapted to 384-well format or automated on a liquid handler for high-throughput screening (HTS), biologics lot release and QC assay use.