

Methotrexate ELISA kit, 5/15

May 2015—The Methotrexate ELISA kit from Enzo Life Sciences enables the monitoring of methotrexate levels during treatment of cancer and rheumatoid arthritis. The assay is also appropriate for the detection of methotrexate contamination after its use as a selective agent for recombinant protein production in mammalian cell lines.



The ultrasensitive assay allows for detection of as little as 1.4 ng/mL of methotrexate in human serum and plasma and has also been validated for use in human urine, mouse plasma, mouse serum, rat plasma, and rat serum. The ELISA offers a broad dynamic range, reducing the need to dilute samples. The kit allows for analysis of up to 38 samples in duplicate in 90 minutes and is thoroughly validated to ensure excellent reproducibility between experiments and low cross-reactivity with structurally related molecules.

It is supplied with an easy-to-follow protocol, precoated microtiter plate, and liquid color-coded reagents. The 96-well break-apart strip plate design provides throughput flexibility to minimize waste.

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