



ELISA Construction System

ZMC Catalog #: 0801188

FOR RESEARCH USE ONLY. Not for *in vitro* Diagnostic Use

INTENDED USE

The IMMUNO-TEK ELISA Construction System is supplied for research purposes or for further manufacturing use only.

The IMMUNO-TEK ELISA Construction System is an easy to use kit that enables scientists to rapidly prepare high quality ELISA assays. ELISA assays prepared with the IMMUNO-TEK ELISA Construction System are of comparable quality to those manufactured by the world's leading immunodiagnostic companies. The kit contains specially screened microtiter plates and all reagents necessary to coat the plates with antigen or antibody. Microtiter plates prepared with the IMMUNO-TEK ELISA Construction System have a low background, high sensitivity and may be stored desiccated for one to two years with no loss of activity.

PRINCIPLE OF THE TEST

Preparation of ELISA microtiter plates involves three major steps: 1) binding antigen or antibody to the plate; 2) blocking non-specific binding sites on the plate; and 3) coating the plate with a stabilizer to allow dry storage of the plates for long periods of time. The IMMUNO-TEK ELISA Construction System contains Zepto-Bind used in the binding step, Zepto-Block used to block non-specific sites on the plate and Zepto-Coat which stabilizes the antigen or antibody applied to the plate. The IMMUNO-TEK ELISA Construction System also provides microtiter plates from lots of plates that have been specially selected for high binding and low background characteristics.

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Trial Version