Centre for AIDS Reagents

Data Sheet

PRODUCT NAME	LIONEX ESAT6 IgG antibody ELISA
REPOSITORY REFERENCE	100029
DESCRIPTION	*Mycobacterium tuberculosis* ESAT6 single antigen (SAG) ELISA for detection of human IgG The *Mycobacterium tuberculosis* ESAT6 antigen (Early secreted antigenic target, EsxA, Rv3875) is a dominant target for cell mediated immunity in the early phase of tuberculosis (TB) in TB patients as well as in various animal models. The protein is identified in short time culture filtrates of *M. tuberculosis*. ESAT6 is not found in *M. bovis* BCG. Its function is not known but it elicits high level of IFN-gamma from memory effector cells during the first phase of a protective immune response. The LIONEX ESAT6 IgG antibody detection ELISA test kit is suitable for rapid and reliable detection and quantitative determination of IgG antibodies against ESAT6 in serum and plasma.
EXPRESSION SYSTEM	*E. coli*
PRESENTATION	Microtiter plate was coated with *M. tuberculosis* ESAT6 antigen
CHARACTERISATION	Enzyme Linked Immunosorbent Assay (ELISA) for detection of human IgM with coated antigen
PURIFICATION	confidential
STORAGE	2 - 8°C
CONTRIBUTOR	LIONEX GmbH, Salzdahlumer Straße 196, Gebäude 1a, D-38126 Braunschweig, Germany

ACKNOWLEDGEMENTS

Publications should acknowledge the contributor and the Centre for AIDS Reagents. Acknowledgments should read: "The *Name of Reagent* (*Repository Number*) was obtained from the Centre for AIDS Reagents, NIBSC, UK, supported by EURIPRED (EC FP7 INFRASTRUCTURES-2012 - INFRA-2012-1.1.5.: Grant Number 31266). www.euripred.eu/