



## Mouse Interleukin 5 ELISA Kit (2 plates)

<b>Catalogue No.:</b>	BEK-2041-2P
<b>Description:</b>	The mouse Interleukin 5 (IL-5) Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse IL-5 antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known IL-5 concentration are added to these wells and allowed to complex with the bound IL-5 antibody. A biotinylated mouse IL-5 monoclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of IL-5 present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse IL-5 in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.
<b>Batch No.:</b>	See product labels
<b>Other Names:</b>	Interleukin-5; IL-5; B-cell growth factor II; BCGF-II; Cytotoxic T-lymphocyte inducer; Eosinophil differentiation factor; T-cell replacing factor; TRF; II5;
<b>Accession:</b>	P04401 IL5_MOUSE;
<b>Comments:</b>	Standard material made in SF21 insect cells, amino acids 21-133 of Mouse IL-5.
<b>Specificity:</b>	Mouse IL-5
<b>Storage:</b>	Store at 4°C
<b>Kit components:</b>	The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.
<b>Range:</b>	15.6 pg/ml - 1,000 pg/ml
<b>Sensitivity:</b>	< 2 pg/ml
<b>Kit protocol:</b>	Please refer to our online product listing for current protocol/MSDS versions.

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FOR RESEARCH USE ONLY