



## Human Kallikrein-3 ELISA Kit (2 plates)

<b>Catalogue No.:</b>	BEK-2199-2P
<b>Description:</b>	The human Kallikrein-3 Kit is a sandwich ELISA. The capture antibody is a polyclonal human Kallikrein-3 antibody pre-coated onto the 96-well strip plates provided in the kit. Test samples and standards of known Kallikrein-3 concentration are added to these wells and allowed to complex with the bound Kallikrein-3 antibody. A biotinylated human polyclonal 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 Kallikrein-3 present in the samples. The purpose of this kit is the in-vitro quantitative determination of human Kallikrein-3 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>Antigen:</b>	The antigen and standard used in this Kallikrein-3 ELISA is recombinant human Kallikrein-3 amino acids 18-261 produced in and purified from a mammalian cell expression system.
<b>Other Names:</b>	Prostate-specific antigen; PSA; Gamma-seminoprotein; Semin; P-30; Semenogelase; KLK3; APS;
<b>Accession:</b>	P07288 KLK3_HUMAN;
<b>Specificity:</b>	Kallikrein-3
<b>Storage:</b>	Store at 2-8C
<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>	0.312 ng/mL - 20 ng/mL
<b>Sensitivity:</b>	< 10 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