

ELISA KIT RANGE

HUMAN SANDWICH ELISA KITS

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Human APOL1 ELISA Kit

APOL1 is involved in the formation and efflux of cholesteryl esters and lipid transport. Proteintech offers a human-specific APOL1 ELISA kit, with high sensitivity and broad assay range. The KE00047 kit is a quantitative measurement of human

APOL1 protein in serum and plasma. It has recently been cited in top scientific publications as a useful tool regarding HIV, CKD, and frontotemporal dementia studies.^{1, 2, 3}

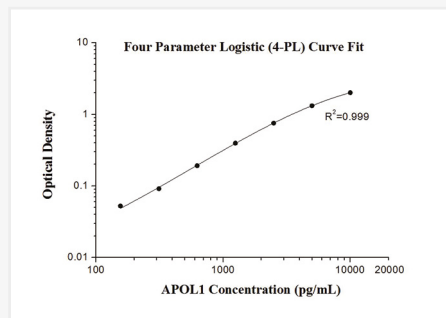
APOL1 Overview

Catalog Number: KE00047	Tests: 1 X 96 well plate	Reactivity: Human	Assay Time: 3.5 hours
Assay Type: Sandwich ELISA	Sensitivity: 70 pg/mL	Precision: Intra-assay CV – 3.4% Intra-assay CV – 3.6%	Distribution: Worldwide
Sample Types: Serum, plasma	Range: 156–10000 pg/mL		Regulatory: Research use only

APOL1 Recovery

Sample Type: Plasma	Average: 94%	Range: 87%–107%
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Standard Curve



References

- ¹ Vascular smooth muscle cells contribute to APOL1-induced podocyte injury in HIV milieu, (PMID: 25796344).
- ² Novel diagnostic cerebrospinal fluid biomarkers for pathologic subtypes of frontotemporal dementia identified by proteomics, (PMID: 27239539).
- ³ A tripartite complex of suPAR, APOL1 risk variants and $\alpha\beta 3$ integrin on podocytes mediates chronic kidney disease, (PMID: 28650456).

OVER 100 KITS ARE AVAILABLE TO BUY ONLINE.

All kits are in stock now for next day shipping.

Visit ptglab.com for more information.

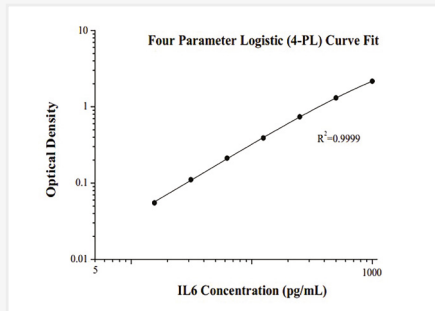
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PRODUCT LIST

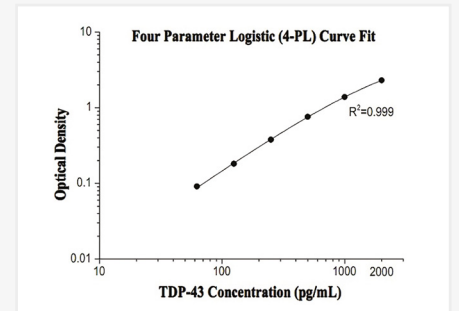
Product Name	Cat. No.	Sensitivity	Range (pg/mL)
ABCD1	KE00030	6 pg/mL	31.25–2000
ADAM12	KE00058	630 pg/mL	62.5–4000
Adiponectin	KE00080	24 pg/mL	62.5–4000
Albumin	KE00076	8000 pg/mL	12500–800000
APOD	KE00067	10 pg/mL	313–20000
APOL1	KE00047	70 pg/mL	156–10000
BDNF	KE00096	0.14 pg/mL	12.5–800
BIRC5	KE00043	35 pg/mL	62.5–4000
C1QC	KE00100	1.1 pg/mL	125–8000
CCL3	KE00092	0.06 pg/mL	1.95–125
CCL4	KE00062	1 pg/mL	7.8–500
CCL5	KE00093	0.3 pg/mL	3.9–250
CD13	KE00083	60 pg/mL	313–20000
CD20	KE00082	330 pg/mL	780–50000
CD31	KE00041	90 pg/mL	250–16000
CD3E	KE00026	5 pg/mL	31.25–2000
CD71	KE00081	200 pg/mL	1560–100000
CEACAM5	KE00042	32 pg/mL	125–8000
CHGA	KE00057	30 pg/mL	125–8000
CNPY2	KE00073	1.5 pg/mL	156–10000
CRP	KE00004	16 pg/mL	156–10000
CXCL16	KE00052	30 pg/mL	313–20000
CYB5R3	KE00069	3.5 pg/mL	31.25–2000
CYCS	KE00079	7 pg/mL	78.1–5000
ENO2	KE00050	110 pg/mL	313–20000
F12	KE00034	490 pg/mL	500–32000
Fetuin-A	KE00097	100 pg/mL	313–20000
FGF12	KE00036	15 pg/mL	500–32000
FKBPL	KE00023	7 pg/mL	31.25–2000
FN1	KE00039	–	250–16000
GKN1	KE00029	5 pg/mL	31.25–2000
GM-CSF	KE00003	1 pg/mL	7.8–250
GMFB	KE00001	24 pg/mL	125–8000

Product Name	Cat. No.	Sensitivity	Range (pg/mL)
GMFG	KE00087	13 pg/mL	39–2500
GRP	KE00070	30 pg/mL	313–20000
HDAC1	KE00033	11 pg/mL	62.5–4000
Hemopexin	KE00101	12500 pg/mL	62500–4000000
HER2	KE00053	20 pg/mL	156–10000
HSP70	KE00059	1 pg/mL	31.25–2000
HSP90	KE00054	90 pg/mL	125–8000
HSPD1	KE00032	7 pg/mL	31.25–2000
ICAM-1	KE00061	20 pg/mL	156–10000
IDH1	KE00060	3.3 pg/mL	62.5–4000
IFN-gamma	KE00063	1 pg/mL	15.6–1000
IFNA1	KE00044	1.5 pg/mL	15.6–1000
IL1-beta	KE00021	1.5 pg/mL	3.9–250
IL10	KE00012	0.5 pg/mL	7.8–500
IL12 p40	KE00018	3.4 pg/mL	31.25–2000
IL12 p70	KE00019	8.5 pg/mL	31.25–2000
IL13	KE00020	1 pg/mL	62.5–4000
IL17A	KE00015	50 pg/mL	62.5–4000
IL2	KE00017	3.6 pg/mL	15.6–1000
IL21	KE00022	2 pg/mL	15.6–1000
IL22	KE00008	14.2 pg/mL	31.25–2000
IL23	KE00088	3.3 pg/mL	15.6–1000
IL27	KE00089	11 pg/mL	125–8000
IL28A	KE00011	1 pg/mL	7.8–500
IL28B	KE00014	0.8 pg/mL	15.6–1000
IL31	KE00086	7.4 pg/mL	31.25–2000
IL4	KE00016	2.23 pg/mL	15.6–1000
IL5	KE00010	30 pg/mL	31.25–2000
IL8	KE00006	1 pg/mL	15.6–1000
IL9	KE00013	0.3 pg/mL	3.13–200
INS	KE00045	7.66 pg/mL	45–2900
JNK	KE00072	100 pg/mL	1560–100000
Leptin	KE00095	2 pg/mL	15.6–500

Product Name
IL6
Catalog Number
KE00007
Sensitivity
3.8 pg/mL
Range
15.6–1000 pg/mL



Product Name
TDP-43
Catalog Number
KE00005
Sensitivity
40 pg/mL
Range
62.5–2000 pg/mL



Product Name	Cat. No.	Sensitivity	Range (pg/mL)
Mammaglobin A	KE00071	5 pg/mL	125–8000
MCP-1	KE00091	6.9 pg/mL	31.25–1000
MHC class I	KE00035	19.6 pg/mL	31.25–2000
MMP 3	KE00094	10 pg/mL	400–96000
MMP-13	KE00078	1.2 pg/mL	93.75–6000
MMP-2	KE00077	50 pg/mL	313–10000
NCALD	KE00028	3 pg/mL	31.25–2000
NINJ2	KE00038	200 pg/mL	313–20000
ORM1	KE00066	0.22 pg/mL	31.25–2000
P21	KE00049	100 pg/mL	250–16000
PD-L1	KE00074	40 pg/mL	156–10000
PD1	KE00075	43 pg/mL	125–8000
PGA5	KE00084	160 pg/mL	500–32000
PGII	KE00090	30 pg/mL	1560–100000
PLA2G1B	KE00098	80 pg/mL	94–96000
Pre IL-18	KE00025	1.5 pg/mL	15.6–1000
RBP4	KE00056	770 pg/mL	6250–400000
SELP	KE00064	25 pg/mL	250–16000
SERPINA3	KE00037	800 pg/mL	1000–64000
SMN2	KE00027	6 pg/mL	62.5–4000
SNAP25	KE00031	6 pg/mL	15.6–1000
ST2	KE00055	120 pg/mL	250–16000
TF	KE00046	600 pg/mL	1560–100000
TGF-beta1	KE00002	3.3 pg/mL	1.56–1000
TLE3	KE00048	11 pg/mL	62.5–4000
TNF-alpha	KE00068	1 pg/mL	31.25–2000
TNFR1	KE00051	2.9 pg/mL	31.25–2000
Uteroglobin	KE00099	30 pg/mL	156–10000
Mouse CCL3	KE10023	0.03 pg/mL	1.95–125
Mouse CCL5	KE10017	5.7 pg/mL	15.6–1000
Mouse CXCL1	KE10019	6.2 pg/mL	15.6–1000
Mouse CXCL2	KE10022	20.45 pg/mL	31.25–500
Mouse GM-CSF	KE10015	1.2 pg/mL	4.7–300

Product Name	Cat. No.	Sensitivity	Range (pg/mL)
Mouse IFN-gamma	KE10001	5.5 pg/mL	31.25–2000
Mouse IL 1-beta	KE10003	1 pg/mL	7.8–500
Mouse IL1-alpha	KE10024	2.7 pg/mL	7.8–500
Mouse IL10	KE10008	2.5 pg/mL	15.6–1000
Mouse IL12 p70	KE10014	2.2 pg/mL	15.6–1000
Mouse IL13	KE10021	1.5 pg/mL	15.6–1000
Mouse IL17A	KE10020	2.6 pg/mL	7.8–500
Mouse IL2	KE10004	0.5 pg/mL	15.6–1000
Mouse IL21	KE10012	0.5 pg/mL	15.6–1000
Mouse IL23	KE10013	3 pg/mL	15.6–1000
Mouse IL27	KE10016	2 pg/mL	31.25–2000
Mouse IL4	KE10010	1 pg/mL	7.8–500
Mouse IL5	KE10018	1 pg/mL	7.8–500
Mouse IL6	KE10007	3.8 pg/mL	15.6–1000
Mouse MCP-1	KE10006	1.34 pg/mL	3.13–200
Mouse TGF-beta1	KE10005	16 pg/mL	31.25–2000
Mouse TNF-alpha	KE10002	1 pg/mL	7.8–500
Mouse VEGF	KE10009	2 pg/mL	7.8–500
Rat TNF-alpha	KE20001	7.7 pg/mL	15.6–1000

Product Name
VEGF
Catalog Number
KE00085
Sensitivity
6.5 pg/mL
Range
15.6–1000 pg/mL

