

Samples	Means (ng/ml)	SD	CV (%)	n
A1	99.60	4.51	4.53	6
A2	9.96	0.98	9.79	6
A3	74.16	5.91	7.96	6
A4	51.12	3.32	6.49	6

Inter-assay Precision: Four samples of known concentrations of mouse Gasdermin D were assayed in 5 separate assays to test precision between assays.

Samples	Means (pg/ml)	SD	CV (%)	n
B1	96.17	4.69	4.88	5
B2	50.18	3.42	6.82	5
B3	22.77	1.66	7.28	5
B4	47.75	3.93	8.24	5

XII. Specificity:

This ELISA is specific for the measurement of natural and recombinant mouse Gasdermin D (full-length and C-terminus cleaved fragment). It does not detect human Gasdermin D.

Gasdermin D is tested from supernatants of Bone Marrow-Derived Macrophages cells (BMDMs) transfected with LPS from different knockout mice strains (see figure 1). Only the supernatants from WT and NLRP3^{-/-} strains contain the protein Gasdermin D. Gasdermin D is also tested from cell extracts (lysed with a Triton X-100 buffer) of Bone Marrow-Derived Macrophages cells from WT and Gasdermin D knockout mice strains (Figure 2). Both figures confirm the specificity of the Gasdermin (mouse) ELISA Kit.

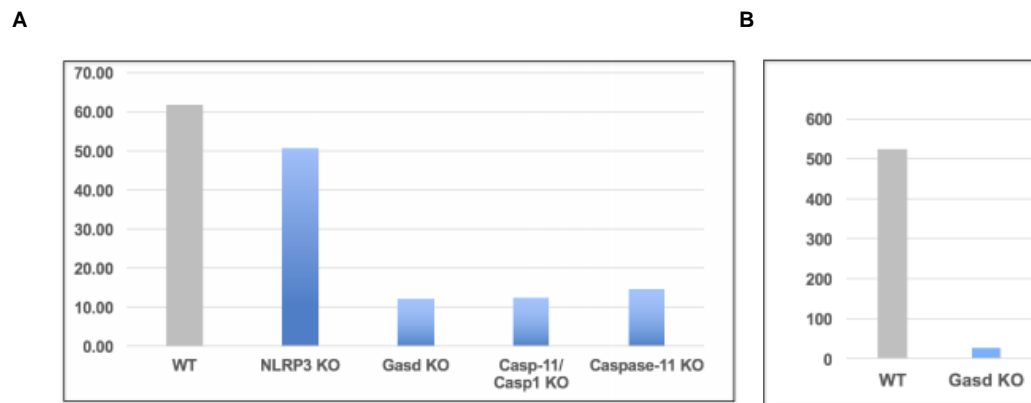


Figure (A): Detection of Gasdermin D in supernatants of BMDMs transfected with LPS from different strains **(B)** Detection of Gasdermin D in cell extracts of BMDMs from WT and Gasdermin D KO mice strains

XIII. RELATED PRODUCTS:

- IL-1 β (rat) ELISA Kit (K4796)
- IL-1 β (Human) ELISA Kit (E4818)
- IL-18 (Human) ELISA Kit (K4227)
- Caspase-1 (Mouse) ELISA Kit (K4180)

FOR RESEARCH USE ONLY! Not to be used on humans.