



Rat IL-6 ELISA Kit

New and improved kit now available

Invitrogen is committed to supplying innovative, high quality products for your research. In this effort, we have redeveloped our Rat IL-6 ELISA Kit using a monoclonal capture antibody to provide improved performance and lot-to-lot consistency. Order online or contact your local Invitrogen sales representative.

Table 1. Rat IL-6 ELISA Kit specification comparison—new kit versus old kit.

	New Kit	Old Kit
Incubation	4.5 hours	4 hours
Range	23.5–1500 pg/mL	31.2–2000 pg/mL
Sensitivity	< 5 pg/mL	< 7 pg/mL
Precision		
• Intra-assay	3.9%	4.1%
• Inter-assay	6.9%	5.2%
Recovery		
• Serum	103%	108%
• EDTA plasma	102%	110%
• DMEM + 10% FBS	113%	106%
• RPMI + 10% FBS	118%	111%
Linearity of Dilution	0.99	0.99
No cross-reactivity	<ul style="list-style-type: none"> • Rat: IFN-γ, IL-1β, IL-2, IL-3, IL-4, IL-5, IL-10, IL-13, MCP-1, MIP-2, TNF-α; • Human: Eotaxin, GM-CSF, IL-1α, IL-1β, IL-2, IL-3, IL-4, IL-5, IL-6, IL-7, IL-8, IL-10, IL-12, IL-13, IL-15, IL-17, IFN-α, IFN-γ, IP-10, MCP-1, MIG, MIP-1α, MIP-1β, RANTES, TNF-α • Mouse: GM-CSF, IFN-γ, IL-1β, IL-4, IL-5, IL-10, IL-12, IL-17, KC, TNF-α. 	<ul style="list-style-type: none"> • Rat: GM-CSF, IFN-γ, IL-1α, IL-1β, IL-1ra, IL-2, IL-4, IL-5, IL-10, IL-12, IL-13, MCP-1, MIP-1α, MIP-2, RANTES, TNF-α, and VEGF
Species cross-reactivity	Human IL-6: 0% Mouse IL-6: 5.2%	Human IL-6: 0% Mouse IL-6: 19%

Ordering information

Product	Quantity	Cat. No.
IL-6 ELISA Kit—Rat	1 plate	KRC0061
	2 plate	KRC0062
	5 plate	KRC0061C