



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