



Animal research catalogue
Immunoassay in animal research

Research Immunoassay kits

► Rat hormones

Product code	Product name	Pack Size (Tests)
RK-547	rInsulin RIA kit	120
RK-547CT	rInsulin IRMA kit coated tube version	100
EK-547	rInsulin ELISA kit	96
RK-548	rCorticosterone RIA kit	120
RK-548CT	rCorticosterone RIA kit coated tube version	100
EK-548	rCorticosterone ELISA kit	96
RK-550	rFSH (rat follicle stimulating hormone) RIA kit	120
RK-551	rGH (rat growth hormone) RIA kit	120
RK-552	rLH (rat luteinizing hormone) RIA kit	120
RK-553	rPRL (rat prolactin) RIA kit	120
RK-554	rTSH (rat thyroid stimulating hormone) RIA kit	120
RK-554Cset	rTSH (rat thyroid stimulating hormone) RIA kit Control set	—
EK-547Cset	rInsulin ELISA kit Control set	—



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► Rat Insulin

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Establishment of In Vivo Brain Imaging Method in Conscious Mice. Hiroshi Mizuma, Miho Shukuri, Takuya Hayashi, Yasuyoshi Watanabe, and Hirotaka Onoe. *J Nucl Med* 2010; 51:1068–1075.

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Kisspeptin mRNA expression is increased in the posterior hypothalamus in the rat model of polycystic ovary syndrome. Toshiya Matsuzaki, Altankhuu Tungalagsuvd, Takeshi Iwasa, Munkhsaikhan Munkhzaya, Rie Yanagihara, Takako Tokui, Kiyohito Yano, Yiliyasi Mayila, Takeshi Kato, Akira Kuwahara, Sumika Matsui and Minoru Irahara. *Endocr J.* 2017 Jan 30;64(1):7-14.

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GLP-1 Increases Preovulatory LH Source and the Number of Mature Follicles, As Well As Synchronizing the Onset of Puberty in Female Rats. Verónica Outeiriño-Iglesias, Marina Romaní-Pérez, Lucas C. González-Matías, Eva Vigo and Federico Mallo. *Endocrinology* 2015, 156(11):4226–4237.

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► Rat PRL

Distinct Testicular Steroidogenic Response Mechanisms Between Neonatal and Adult Heat-Acclimated Male Rats. Beata Kurowicka, Marcin Chrusciel, Agata Zmijewska, Milena Doroszko, Genowefa Kotwica, Nafis A. Rahman. *Cell Physiol Biochem* 2015;35:1729-1743.

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Human RIA kits in animal research

Hormone	Product	Applicable species
Thyroid hormones	RK-609CT RK-339CT RK-11CT1 RK-349CT	Bovine, Ovine, Caprine, Equine, Porcine, Rabbit, Rodents, Poultry
Progesterone	RK-460CT	Bovine, Ovine, Caprine, Equine, Porcine, Rabbit, Rodents
Testosterone	RK-61CT	Ovine, Porcine, Rabbit, Rodents, Poultry
Cortisol	RK-240CT	Bovine, Ovine, Caprine, Equine, Rabbit, Rodents, Monkey, Fish



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Variation in Thyroidal Activity during Estrous Cycle and Natural Breeding Season in Markhoz Goat Breeds. M.A. Zarei, A. Farshad and S. Akhondzadeh. *PJBS* 12(21): 1420-1434, 2009.

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Physiopathological changes related to the use of ractopamine in swine: Clinical and pathological investigations. D. Catalano, R. Odore, S. Amedeo, C. Bellino, E. Biasibetti, B. Miniscalco, G. Perona, P. Pollicino, P. Savarino, L. Tomassone, R. Zanatta, M.T. Capucchio. *Livestock Science* 144 (1-2): 74-81, 2012.

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