



Animal NGAL

Scientific references

This selected list of publications has been chosen to cover a broad range of clinically relevant areas for the new kidney biomarker NGAL.

Mouse

NGAL in mouse models of nephrotoxicity

Kuwabara T, Mori K, Mukoyama M, Kasahara M, Yokoi H, Saito Y, Yoshioka T, Ogawa Y, Imamaki H, Kusakabe T, Ebihara K, Omata M, Satoh N, Sugawara A, Barasch J, Nakao K (2009) Urinary neutrophil gelatinase-associated lipocalin levels reflect damage to glomeruli, proximal tubules, and distal nephrons. *Int Soc Nephrol* 75:285-294.

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Mishra J, Ma Q, Prada A, Mitsnefes M, Zahedi K, Yang J, Barasch J, Devarajan P (2003) Identification of neutrophil gelatinase-associated lipocalin as a novel early urinary biomarker for ischemic renal injury. *J Am Soc Nephrol* 14:2534-2543.

NGAL in mouse models of ischemia

Mori K, Lee HT, Rapoport D, Drexler IR, Foster K, Yang J, Schmidt-Ott KM, Chen X, Li JY, Weiss S, Mishra J, Cheema FH, Markowitz G, Suganami T, Sawai K, Mukoyama M, Kunis C, D'Agati V, Devarajan P, Barasch J (2005) Endocytic delivery of lipocalin-siderophore-iron complex rescues the kidney from ischemia-reperfusion injury. *J Clin Invest* 115:610-621.

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Mouse NGAL background

Mori K and Nakao K (2007) Neutrophil gelatinase-associated lipocalin as the real-time indicator of active kidney damage. *Kidney International* 71:967-970.

Kjeldsen L, Cowland JB, Borregaard N (2000) Human neutrophil gelatinase-associated lipocalin and homologous proteins in rat and mouse. *Biochim Biophys Acta* 1482:272-283.

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Flower DR (1994) The lipocalin protein family: a role in cell regulation. *FEBS Letters* 354:7-11.

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Triebel S, Bläser J, Reinke H, Tschesche H (1992) A 25 kDa alpha2-microglobulin-related protein is a component of the 125 kDa form of human gelatinase. *FEBS Lett* 314:386-388.

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Rat

NGAL in rat models of nephrotoxicity

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NGAL in rat models of sepsis and infection

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Cat. No.	Product name	Wells
KIT 042	Mouse NGAL ELISA Kit	96 wells
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KIT 045*	Monkey NGAL ELISA Kit	96 wells
KIT 046	Rat NGAL ELISA Kit	96 wells

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