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Mar 01, 2016 · NGAL is also synthesized after various injuries, especially in kidney diseases . Serum NGAL levels correlate with severity of renal injury, which reflects the degree of tissue damage. NGAL has been proposed to be one of the most promising next-generation biomarkers in clinical nephrology . When NGAL is present in a complex with matrix metalloproteinase-9 (MMP-9), there is less degradation of MMP-9 due to the effects on NGAL ...

Cited by: 69 Author: Saverio Candido, Stephen L. Abrams, Lin...

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NGAL was positively correlated with MMP-9 (The correlation coefficient between NGAL and MMP-9 was 0.286). Conclusion: Our study suggested that NGAL and MMP-9 ...

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Author: Kai Che, Wenkai Han, Mingxin Zhang, H... Publish Year: 2020

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**Basic Study**

**Combination of neutrophil gelatinase-associated lipocalin and matrix metalloproteinase-9 are promising biomarkers for the early detection of tubular adenocarcinoma of the colon**

**Yuan JH *et al.* NGAL and MMP9 for tubular adenocarcinoma of the colon**

**Jun-Hua Yuan, Li-Shuang Xie, Yu-Hua Zhu, Xiao-Hua Wang, Yi-Jing Zhang, Xiao-Jun Wang**

**Abstract**

**BACKGROUND**

Tubular adenocarcinoma of the colon, which originates from the epithelium of the glands, is a major health concern worldwide. However, it is difficult to detect in an

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7798090>

Dec 24, 2020 · Neutrophil gelatinase-associated lipocalin (NGAL), also known as lipocalin 2 (LCN2), belongs to the apolipoprotein superfamily. NGAL is a 25-kDa secreted glycoprotein that was first discovered by Kjeldsen et al in 1993 while studying matrix metalloproteinase-9 (MMP-9) in the specific granules of neutrophils.

Author: Kai Che, Wenkai Han, Mingxin Zhang,... Publish Year: 2020

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