


































Protein biomarker assay list – Drug-induced organ injury

DRUG-INDUCED VASCULAR INJURY 	SPECIES		
Angiopietin 2*			
α -2-Macroglobulin			
Caldesmon			
Matrix Metalloproteinase 3*			
P-Selectin*			
Smoothelin B*			
Vascular Cell Adhesion Molecule 1*			
DRUG-INDUCED LIVER INJURY 	SPECIES		
Glutamate Dehydrogenase*			
Osteopontin*			
Macrophage Colony Stimulating Factor 1 Receptor*			
High-Mobility Group Protein B1*			
Keratin 18*			
Caspase-Cleaved Keratin 18*			
DRUG-INDUCED PANCREAS INJURY 	SPECIES		
Carboxypeptidase A1			
Carboxypeptidase A2			
Carboxypeptidase B Activation Peptide			
Trypsinogen Activation Peptide			





*Accepted at FDA's Biomarker Qualification Program



Protein biomarker assay list – Drug-induced organ injury

DRUG-INDUCED KIDNEY INJURY (tubular) 	SPECIES				
α -1-Microglobulin					
Clusterin [#]					
Cystatin 3 [#]					
Kidney Injury Molecule 1 [#]					
Neutrophil Gelatinase Associated Lipocalin [#]					
Osteopontin [#]					
Retinol Binding Protein 4					

[#] Recommended by FDA

DRUG-INDUCED KIDNEY INJURY (glomerular) 	SPECIES
Nephrin [*]	
Podocin [*]	
Podocalyxin [*]	

^{*} Accepted at FDA`s Biomarker Qualification Program

For more information

