



Autoantibodies in glomerulopathies

home

Rapid progressive glomerulonephritis

Necrotizing crescentic pauciimmunologic glomerulonephritis (NCPI)


Goodpasture syndrom

Idiopathic membranous glomerulonephritis

Membranoproliferative glomerulonephritis

IgA Nephropathy

Literature

- Diagnostic marker with pathogenetic significance
 - Diagnostic marker for indicated disease
 - Colored circles indicate markers for primary screening
 - Indicative autoantibody
 - Occasionally associated autoantibodies with marker function for other diseases
 - Autoantibodies, which may be found randomly associated but without disease specificity and without any diagnostic significance for the disease mentioned.
- ▶ Cited **literature** is marked with **red** numbers and linked with the authors given at the end of the document. By clicking the hand symbol () one returns to the top of the table.
- ▶ **Autoantibodies** cited in the following tables are linked with their respective descriptions.
- ▶ The indicated values of **sensitivity** and **specificity** crucially depend on the respective test methods, on genetic and ethno-geographical variables and on the selection of tested patient and control populations, which is reflected by the considerable variations of the indicated data. Therefore the given figures may be regarded as an approximate guide for the selection of adequate tests for a given clinical situation. For this reason also qualitative estimates such as “low”, “medium” or “high” were used.



Autoantibodies in glomerulopathies

Rapid progressive glomerulonephritis

Autoantibodies	Sens [%]	Spec [%]	Disease associations
● <u>Glomerular basement membrane</u>			
● <u>P-ANCA</u>			
● <u>C-ANCA</u>			
● <u>Myeloperoxidase</u>			
● <u>Proteinase 3</u>			
● <u>Nuclear (ANA)</u>			

Table in progress

[Index of diseases](#)

[Abbreviations](#)



Autoantibodies in glomerulopathies



Abbreviations

Sens	Sensitivity
Spec	Specificity
ANCA	Antineutrophil cytoplasmic antibodies
C-ANCA	ANCA with cytoplasmic fluorescence
P-ANCA	ANCA with perinuclear fluorescence

[Index of diseases](#)

[Beginning of table](#)



Autoantibodies in glomerulopathies



Necrotizing crescentic pauciimmunologic glomerulonephritis (NCPI)

Autoantibodies	Sens [%]	Spec [%]	Disease associations
● P-ANCA			
● Myeloperoxidase			
● Glomerular basement membrane			

Table in progress

[Index of diseases](#)

[Abbreviations](#)



Autoantibodies in glomerulopathies



Abbreviations

Sens	Sensitivity
Spec	Specificity
ANCA	Antineutrophil cytoplasmic antibodies
P-ANCA	ANCA with perinuclear fluorescence

[Index of diseases](#)

[Beginning of table](#)



Autoantibodies in glomerulopathies



Goodpasture syndrom

Autoantibodies	Sens [%]	Spec [%]	Disease associations
● Glomerular basement membrane			

Table in progress

[Index of diseases](#)

[Abbreviations](#)



Autoantibodies in glomerulopathies



Abbreviations

Sens	Sensitivity
Spec	Specificity

[↩ Index of diseases](#)

[Beginning of table ↩](#)



Autoantibodies in glomerulopathies

Idiopathic membranous glomerulonephritis

Autoantibodies	Sens [%]	Spec [%]	Disease associations
● PLA2R			
●			
●			

Table in progress

[Index of diseases](#)

[Abbreviations](#)



Autoantibodies in glomerulopathies



Abbreviations

Sens	Sensitivity
Spec	Specificity

Index of diseases

Beginning of table



Autoantibodies in glomerulopathies



Membranoproliferative glomerulonephritis

Autoantibodies	Sens [%]	Spec [%]	Disease associations
● C3 nephritic factor			
●			
●			
●			

Table in progress

[Index of diseases](#)

[Abbreviations](#)



Autoantibodies in glomerulopathies



Abbreviations

Sens	Sensitivity
Spec	Specificity

Index of diseases

Beginning of table



Autoantibodies in glomerulopathies



IgA Nephropathy

Autoantibodies	Sens [%]	Spec [%]	Disease associations
● <u>Transglutaminase (TTG)</u>			1
● <u>DDX4</u>			1
● <u>GRINL1A</u>			1
● <u>ZADH2</u>			1

Table in progress

[Index of diseases](#)

[Abbreviations](#)



Autoantibodies in glomerulopathies

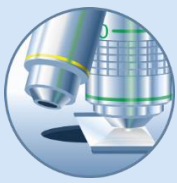


Abbreviations

Sens	Sensitivity
Spec	Specificity
DDX4	DEAD (Asp-Glu-Ala-Asp) box polypeptide 4
GRINL1A	Glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A
ZADH2	Zinc-binding alcohol dehydrogenase domain-containing protein 2

[Index of diseases](#)

[Beginning of table](#)



Autoantibodies in glomerulopathies



Literature

IgA Nephropathy

- 1 Woo SH, Sigdel TK, Dinh VT, Vu M, Sarwal MM, Lafayette RA. Mapping Novel Immunogenic Epitopes in IgA Nephropathy. Clin J Am Soc Nephrol. 2014 Dec 26. pii: CJN.02390314. [Epub ahead of print] PubMed PMID: [25542908](https://pubmed.ncbi.nlm.nih.gov/25542908/).