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BÜHLMANN Anti-MAG & Anti-Ganglioside Autoantibody ELISAs - over 70 References: most cited Anti-neural antibody assays

BÜHLMANN GanglioCombi® ELISAs

- **Yohn L** et al., **2019:** Clinical characterization of anti—GQ1b antibody syndrome in Korean children. J Neuroimmunology **15**(330): 170-173

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- **Anaya J-M** et al., **2017**: A comprehensive analysis and immunobiology of autoimmune neurological syndromes during the Zika virus outbreak in Cúcuta, Colombia. Journal of Autoimmunity **77**: 123-138

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  "BÜHLMANN GanglioCombi at the forefront of newly emerging post-infectious forms of Guillain-Barré syndromes such as those associated with Zika viruses.

- **Kollewe K** et al., **2015:** Anti-Ganglioside Antibodies in Amyotrophic Lateral Sclerosis Revisited. PLoS One, **10**(4): e0125339.

  "BÜHLMANN GanglioCombi at the utmost importance of daily questions such as the differentiation between Multifocal Motor Neuropathies (MMN, treatable) and MMN- mimicking disorders such as Amyotrophic Lateral Sclerosis (ALS, not treatable).
  This is the biggest ALS cohort investigated to date and demonstrates that frequency of anti-Ganglioside antibodies is not different from apparently healthy normal blood donors."

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Posters:

- **Delmont E** et al., **2017:** Value of anti-HNK-1 Antibodies in anti-MAG Neuropathies: an analysis of 144 sera. Poster presented at 2017 "Peripheral Nerve Society" (PNS) Annual Meeting in Sitges (ES)

  "Anti-MAG Antibodies have good sensitivity and specificity to detect anti-MAG Neuropathy. Notably, titres of anti-HNK-1 antibodies are related to the disease activity"

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- **Mani B** et al., **2010**: The Frequency of anti-Ganglioside Antibodies in Blood Donors Compared to Control Groups and Guillain-Barré Syndrome Patients. Poster presented at "10th Dresden Symposium on Autoantibodies", Dresden (GE).

- **Wurster U** et al., **2009**: Ganglioside Antibodies in Amyotrophic Lateral Sclerosis. Poster presented at "9th Dresden Symposium on Autoantibodies", Dresden (GE).

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BÜHLMANN anti-MAG Autoantibodies ELISA

- **Pascual-Goñi E** et al., **2019:** Clinical and laboratory features of anti-MASG neuropathy without monoclonal gammopathy. Sci Rep 16; 9(1):6155. doi 1038/s41598-019-42545-8.

- **Svahn J** et al., **2018:** Anti-MAG antibodies in 202 patients: clinicopathological and therapeutic features. J Neurol Neurosurg Psychiatry **89**(5): 499-505.

  "Patients with anti-MAG Neuropathy can be grouped were grouped categories into different categories. Basis is the titre of anti-MAG autoantibodies which can be determined by Autoantibody ELISA by BÜHLMANN. Clinical response to rituximab during 6-month and/or 7–12-month follow-up period was observed in 31.5% of patients and correlated with anti-MAG autoantibody titre of ≥ 10 000 BTU.

- **Garg N** et al., **2018:** Anti-MAG neuropathy: role of IgM antibodies, the paranodal junction and juxtaparanodal potassium channels. Clin Neurophysiol **129**(10): 2162-2169 doi: 10.1016/j.clinph.2018.07.021. Epub 2018 Aug 10.

- **D'Sa S** et al., **2017:** Investigation and Management of IgM and Waldenström-associated peripheral neuropathies: recommendations from the IWWM-8 consensus panel. Brit J Haematol **176**(5): 728-742

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  "The article evaluates service provision and quality assurance schemes for clinically useful autoantibody test in neurology. ELISA is a widely used technique for the determination of anti-glycolipid antibodies and anti-MAG autoantibody ELISA "has good standardisation."

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- **Kuijf M** et al., **2009**: Detection of anti-MAG antibodies in polyneuropathy associated with IgM monoclonal gammopathy. Neurology **73**(9): 688-695.

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- **Renaud S** et al., **2003**: Rituximab in the treatment of polyneuropathy associated with anti-MAG antibodies. Muscle Nerve **27**(5): 611-615.

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Posters:

- **Herrendorff R** et al., **2018:** Novel treatment opportunity for anti-myelin-associated glycoprotein neuropathy. Poster presented at 2018 "Peripheral Nerve Society" (PNS) Annual Meeting in Baltimore, MY (USA)

- **Delmont E** et al., **2017:** Value of anti-HNK-1 Antibodies in anti-MAG Neuropathies: an analysis of 144 sera. Poster presented at 2017 "Peripheral Nerve Society" (PNS) Annual Meeting in Sitges (ES)

  "Anti-MAG Antibodies have good sensitivity and specificity to detect anti-MAG Neuropathy. Notably, titres of anti-HNK-1 antibodies are related to the disease activity"

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- **Neil J** et al., **2017:** Do anti-MAG titers have a good correlation with clinical status in IgM anti-MAG Neuropathy? Poster presented at 2017 "Peripheral Nerve Society" (PNS) Annual Meeting in Sites, (ES)

further literature citing anti-MAG Autoantibodies ELISA by BÜHLMANN

- **Herrendorff R** et al., **2017**: Selective in vivo removal of pathogenic anti-MAG autoantibodies, an antigen specific treatment option for anti-MAG neuropathy. PNAS, www.pnas.org/cgi/doi/10.1073/pnas.1619386114

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BÜHLMANN anti-SGPG Autoantibodies ELISA

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  > "The anti-SGPG autoantibody ELISA by BÜHLMANN turned out to be a very reliable commercially available test with no technical difficulties and both, excellent sensitivity (0.98), and specificity (0.98) for detecting MAG/SGPG antibody-mediated demyelinating neuropathies. Anti-SGPG antibody titers have practical implications for both, management and follow-up of neuropathies treated with rituximab."

- **Bridel C** et al., **2014**: Multifocal motor neuropathy with high titres of anti-MAG antibodies.
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