

Myelin Oligodendrocyte Antibodies by Live Cell-Based Assay (MOG CBA)

Test Name	Myelin oligodendrocyte antibodies by live CBA
Abbreviations	MOG Ab; MOG CBA
CPT code	86362
Methodology	In-house live cell-based assay
Intended Use	Diagnosis of autoimmune myelin oligodendrocyte glycoprotein antibody associated diseases (MOGAD)
Test requirements	<u>Specimen Type:</u> Serum <u>Minimum volume:</u> 0.5 mL <u>Preferred volume:</u> 3 mL <u>Rejection criteria:</u> grossly hemolytic, icteric, or lipemic
Specimen collection	<ul style="list-style-type: none"> No patient preparation required before collection. 5 mL SST tube (gold-top) Spin tubes, aliquot serum, and ship on cold-packs same day
Specimen stability	Up to 7 days refrigerated (2 - 8°C) -20°C for longer term storage – avoid subsequent freeze thaws
Test schedule	On demand
TAT	1 week
Reference range	N/A
Limitations	<ul style="list-style-type: none"> This test was developed and its performance characteristics determined by BCNI. The test was performed in a DAP, CAP and CLIA certified laboratory and is intended for clinical purposes Please indicate if patients are on immunomodulating treatments as these may interfere with testing.
References	<ul style="list-style-type: none"> Waters PJ, et al. A multicenter comparison of MOG-IgG cell-based assays. <i>Neurol.</i> 2019 Mar 12;92(11):e1250-5. Banwell B, et al. Diagnosis of myelin oligodendrocyte glycoprotein antibody-associated disease: International MOGAD Panel proposed criteria. <i>Lancet Neurol.</i> 2023 Mar 1;22(3):268-82.

*Testing performed at BC Neuroimmunology