

TEST REFERRAL FORM

Tzartos NeuroDiagnostics



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PATIENT'S NAME:	BIOLOGICAL SAMPLE
Date of birth	☐ Serum ☐ CSF (see note-1) ☐ Blood ☐ Other
Address:	Date of blood collection:/
IMMUNOCHEMICAL DIAGNOSTIC TESTS: please choose the tests for autoantibodies against:	
MYASTHENIA GRAVIS	AUTOIMMUNE ENCEPHALITIS AND RELATED SYNDROMES
□ Acetylcholine receptor , AChR (RIA)	AUTOIMMUNE ENCEPHALITIS-1 (AE-1)
□ MuSK (RIA)	☐ Caspr2 ☐ LGI1 ☐ NMDAR ☐ AMPAR1/AMPAR2
☐ Titin (ELISA) ☐ Ryanodine receptor (RyR)* ☐ Agrin*	□ GABA _B R □ DPPX □ MOG
Same day test for anti-AChR and -MuSK antibodies by RIA for	AUTOIMMUNE ENCEPHALITIS-2 (AE-2)
samples received by 9.30 p.m. In case of ambiguous or borderline anti-	☐ The above 8 antigens
AChR result, samples are also tested with a new ~5-10X more sensitive	☐ Glycine Receptor ☐ GAD(with ELISA) ☐ Anti-GFAP
RIA for further confirmation of the presence or not of specific antibodies.	☐ Optionally, 11 additional tests for AE:
Tests for "seronegative" MG by CBA	☐ Kelch-like protein 11 (Kelch-11 / KLHL11) ☐VGKC ☐ GABAAR*
RP4	□ mGluR1* □ Iglon5
□ MuSK	The specificity and pathological significance of the following are under investigation: { □ DR2* □ Neurexin-3α* □ Homer-3*, □ GluRδ2*,
□ AChR clusters	□ Neurochondrin* □ Rho-GTPase activating protein 26*}
LEMS	Test packages for autoimmune encephalitis syndromes:
☐ Calcium channels (VGCC) type P/Q	LIMBIC and NMDA encephalitis:
{☐ Calcium channels (VGCC) type N}	□AUTOIMMUNE ENCEPHALITIS-1 (AE-1) □ mGLuR5,
ALITOIMMUNE DICALITONOMIA	□ Paraneoplastic-1 □ GAD(with ELISA)
AUTOIMMUNE DISAUTONOMIA	AUTOIMMUNE CEREBELLAR ATAXIA
☐ Ganglionic α3-AChR by CBA	□ Paraneoplastic-1 □Paraneoplastic-2 □ GAD(with ELISA)□ mGluR1*
MYOSITIS (Polymyositis / Dermatomyositis) (16 antigens)	□ VGCC-P/Q □ Kelch-11 □ {Neurochondrin*}
Mi-2α, Mi-2β, Ku, PM-Scl100, PM-Scl75, SRP, Jo-1, PL-7, Pl-12, OJ,	AUTOIMMUNE EPILEPSY □ AUTOIMMUNE ENCEPHALITIS-1 (AE-1) Paraneoplastic-1
EJ, Ro-52, TIF1γ, MDA5, NXP2, SAE1	\square MGIuR5 \square GABA $_{\mathbb{A}}$ R* \square GAD(with ELISA)
Necrotizing Myositis	AUTOIMMUNE DEMENTIA
☐ HMGCR* (related to the use of statins)	□ Paraneoplastic-1 □ Caspr2 □ LGI1 □ NMDAR □ AMPAR1/AMPAR2
□ SRP (signal recognition particle)	☐ GABABR ☐ DPPX ☐ GAD(with ELISA)
Inclusion Body Myositis	BEHAVIOR DISORDERS: □NMDAR □Caspr2+LG1 {□AMPAR1,2,}
☐ Mup44 (cytosolic 5- nucleotidase 1A, cN-1A)	HYPOTHALAMIC DYSFUNCTION: Paraneoplastic: (Ma2)
	□ CASPR2+ LGI1, □ AQP4 {□ VGKC}
PERIPHERAL NEUROPATHIES (Guillain-Barre, Miller Fisher, etc)	VISION DISORDERS of autoimmune etiology: AQP4, MOG
□ MAG □ SGPG	☐ Paraneoplastic(CRMP-5/CV2, recoverin {Hu,Yo,Ma2,Ri,Tr}) {☐VGCC-P/Q} STIFF-PERSON SYNDROME/PERM
Peripheral neuropathies type CIDP Contactin-1* Contactin-2*	☐ GAD(with ELISA) ☐ Glycine Receptor ☐ Paraneoplastic (amphiphysin)
□ Neurofascin-155* □Neurofascin-186* □Caspr1*	{\(\text{DPPX}\)
Gangliosides: □ GM1 □ GM2 □ GM3 □ GM4 □ GD1a □ GD1b □GD2 □ GD3 □ GT1a □ GT1b □ GQ1b □ Sulfatide	AUTOIMMUNE CHOREA: □ Paraneoplastic (Hu,CV2), □GAD(with ELISA,
All gangliosides together	□Caspr2+LG1
MULTIPLE SCLEROSIS	OPSOCLONUS & MYOCLONUS
□ Detection of oligoclonal IgG bands and determination of	□ Paraneoplastic (Ri, Hu), □NMDAR {□LG1}
albumin and IgG concentration in serum and CSF	BRAINSTEM SYNDROME: □ AQP4 □ Paraneoplastic (CRMP-5, PCA-2,
□ NFL in serum (by SIMOA)	Hu, Ri, amphiphysin, Ma2) ☐ Kelch-11 ☐ PCA-2
□ GFAP in serum (by SIMOA)	AUTOIMMUNE MYELOPATHY: AQP4, MOG
For NFL or GFAP measurement also required:	☐ Paraneoplastic (CRMP-5/CV2, amphiphysin, Hu, Ri, Yu, Ma2)
Height: Weight:	SENSORIMOTOR NEUROPATHY of paraneoplastic etiology:
NEUROMYELITIS OPTICA (NMO) and CRION	Paraneoplastic (Hu, Ri, Yo, CRMP-5/CV2, amphiphysin, SOX1)
☐ Aquaporin-4 (CBA and quantitative RIA)	ALZHEIMER-1. Detection in CSF of the proteins (result in 1 day):
☐ MOG (myelin oligodendrocyte glycoprotein)	\Box β - amyloid(1-42) \Box β -amyloid(1-40) \Box Tau \Box p-Tau(181)
Aquaporin-1 (free if requested with any other NMO test)	ALZHEIMER-2. Detection in plasma (by SIMOA):
☐ GFAP protein in CSF ☐ IL6	□ p-Tau(181) □ p-Tau(217) { □NFL in serum □GFAP in serum} Height: Weight:
AUTOIMMUNE MENINGOENCEPHALITIS	CREUTZFELDT-JACOB: Detection in CSF of the proteins:
□ Anti-GFAP (in CSF and/or serum)	□ 14-3-3 □ Tau □ p-Tau(181-p)
PARANEOPLASTIC SYNDROMES	□ PrPSc detection by RT-QuIC
□ Paraneoplastic-1: 12 antigens by blot and immunofluorescence in	·
neural tissue: Hu (ANNA-1), Ri (ANNA-2), Yo (PCA-1), PNMA2 (Ma2/Ta),	
CV2 (CRMP-5), amphiphysin, recoverin, SOX1 (AGNA), zic4, Tr (DNER), GAD, Titin	
□ Paraneoplastic-2: By CBA: □ ITPR1 □ CARP VIII □ TR(DNER)	
□ Kelch-like protein 11 (Kelch-11 ή KLHL11). □ ANNA-3* □ PCA-2*	
{}: Tests in { } are considered of secondary significance for the specific d	
*: Tests with * are performed in collaborating certified reference laboratorie	
For diagnosis of most diseases we apply two different methods (particularly	in the case of a positive result) or search for more than one biomarkers.
Who will receive the results (if not the patient):	B. (c. l. c)
Name of referring doctor:	Doctor's stamp:
Specialty: Hospital: Tel.:	<u>email</u> :
Do you wish to receive your patient's results by email?	nto@nousediagnostics as
For information: Tel. #30-210-6411060, Fax: #30-2106411067, email: info@neurodiagnostics.gr, www.neurodiagnostics.gr	
Clinical data: Start of symptoms:/ Likely diagnosis:	

Symptoms:
Diagnostic tests already performed:
Treatments:
Other neurological and/or autoimmune diseases?