

Title: *GARS1*-Associated Axonal Neuropathy *GeneReview* Table 1

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Note: The following information is provided by the authors listed above and has not been reviewed by *GeneReviews* staff.

**Table 1. Results of Electrophysiologic Studies in *GARS1*-Associated Axonal Neuropathy by Subtype**

Results of Electrophysiologic Studies			Subtype	
			CMT2D (%)	dSMA-V (%)
<b>Motor nerve conduction</b>	<b>Compound muscle action potential</b>	Median-APB <4.5 mV	100	100
		Ulnar-ADM <3.5 mV	0	0
		Peroneal-EDB <2 mV	100	62.5
		Tibial-AH <2.5 mV	0	50
	<b>Distal motor latency</b>	Median <5.6 ms	0	0
		Ulnar <4.5 ms	0	11
		Peroneal & tibial <7.5 ms	0	0
	<b>Nerve conduction velocity</b>	Median & ulnar <39 m/s	0	0
		Peroneal & tibial <29 m/s	0	0
<b>Sensory nerve conduction: sensory nerve action potential</b>	Median <10 $\mu$ V; ulnar <8 $\mu$ V	0	12	
	Sural <6 $\mu$ V	17	29	

ADM = abductor digiti minimi; AH = adductor hallucis; APB = abductor pollicis brevis; EDB = extensor digitorum brevis