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# SOD1 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *SOD1 wt Allele*. NCI Thesaurus. Code C54579.

Human SOD1 wild-type allele is located within 21q22 and is approximately 9 kb in length. This allele, which encodes superoxide dismutase [Cu-Zn] protein, is involved in the conversion of superoxide radicals to molecular oxygen and hydrogen peroxide. Certain allelic variants of the SOD1 gene cause Amyotrophic Lateral Sclerosis.