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XDH wt Allele

National Cancer Institute

Source

National Cancer Institute. *XDH wt Allele*. NCI Thesaurus. Code C50947.

Human XDH wild-type allele is located in the vicinity of 2p23.1 and is approximately 79 kb in length. This allele, which encodes xanthine dehydrogenase/oxidase protein, is involved in the stepwise oxidation of hypoxanthine to produce purine and ultimately uric acid. Certain allelic variants of the XDH gene, which encode protein products with low enzymatic activity, cause xanthinuria.