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# WT1 mRNA-Electroporated Autologous Dendritic Cell Vaccine

National Cancer Institute

## Source

National Cancer Institute. *WT1 mRNA-Electroporated Autologous Dendritic Cell Vaccine*.  
NCI Thesaurus. Code C88260.

A cancer vaccine containing autologous dendritic cells electroporated with full-length mRNA encoding Wilms' tumor 1 (WT1) antigen with potential immunostimulatory and antineoplastic activities. Upon administration, WT1 mRNA-electroporated autologous dendritic cell vaccine may elicit a cytotoxic T-cell (CTL) response against tumor cells expressing WT1. Wt1 is frequently overexpressed in a variety of tumor cell types and often correlates with disease progression and poor prognosis.