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Type IV Hypersensitivity

National Cancer Institute

Source

National Cancer Institute. *Type IV Hypersensitivity*. NCI Thesaurus. Code C3115.

Delayed hypersensitivity reaction (DTH) - type IV reaction, an inflammatory response that develops 24 to 72 hours after exposure to an antigen that the immune system recognizes as foreign. DTH is mediated by T cells rather than by antibodies. Th1 cells produce interferon gamma, interleukin (IL)-2, and tumor necrosis factor-beta and promote a cell-mediated immune response.