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# Allogeneic HAdV Antigen-specific T-lymphocytes

National Cancer Institute

## Source

National Cancer Institute. *Allogeneic HAdV Antigen-specific T-lymphocytes*. NCI Thesaurus. Code C157341.

A population of allogeneic T-lymphocytes specifically reactive to human adenovirus (HAdV) with potential antiviral activity. Allogeneic HAdV antigen-specific T-cells are prepared via ex vivo stimulation of donor-derived peripheral blood mononuclear cells (PBMCs) with HAdV hexon protein. T-cells that secrete interferon (IFN)-gamma in response to HAdV antigen exposure are selected and expanded for administration. Infusion of the HAdV antigen-specific T-lymphocytes into hematopoietic stem cell transplant (HSCT) patients infected with HAdV may potentially reconstitute virus-specific responses, thereby controlling HAdV infections.