



IMMUNOGENICITY

Franklin Biolabs supports the global cell and gene therapy industry by providing a full range of services from discovery to clinical manufacturing to accelerate commercialization of advanced therapies. Our team established the immunobiological foundations of *in vivo* gene therapy/vaccines through >130 research publications. Our immunology core is a reference lab available to the global community to evaluate humoral and cellular immune responses before and after gene therapy administration.



Served more than 75 companies and institutions



Supported >35 clinical programs



Performed >25,000 preclinical and >2,500 clinical assays



Expedited service available

Services

Anti-AAV Capsid Humoral Response

AAV Neutralizing (NAb) and Binding Antibody (BAb) assays are available for multiple AAV serotypes, species, and matrices.

IFN- γ ELISpot Assay

Available for multiple species. Services provided include peptide library procurement and qualification.

Lymphocyte Isolation

Services provided include isolation of lymphocytes from:

- Whole blood
- Liver
- Spleen
- Bone marrow
- Lymph node

Assay Development

Assay development services can be provided across NAb, BAb, and ELISpot assays, including novel serotypes, different species, and regulated status.

GLP Options

Good Laboratory Practice (GLP)-compliant tests are available for early-phase clinical programs. Program-specific assay and reagent validation are available for GLP with consultation.

