



Advancing the Development of New Vaccines

Take Advantage of Noble's Preclinical Vaccine Development Services

With over 15 years of experience conducting preclinical vaccine development studies, Noble Life Sciences offers both *in vivo* and *in vitro* services.

Protocol development

- Adjuvant selection – standard options, others on request
- Immunogen formulation
- Dosing regimen determination

Immunogenicity testing

- Immunization and boost
 - Pre- and post-injection sample collection
- Potency determination

In Vivo Options

- Mice
- Rabbits
- Guinea Pigs
- Ferrets
- Others on request

Challenge-protection studies

- Clinical observations – animal weight, body temperature, clinical symptoms *In vitro* determinations

Toxicology studies

- Single-dose acute and repeat-dose studies
- Biodistribution studies
- Clinical observations; complete clinical chemistry and pathology package

Related services

Polyclonal antibodies for potency testing [More >>](#)
Additional Related services [More >>](#)

[More >>](#) Vaccine development services

About Noble Life Sciences

Noble Life Sciences is a preclinical contract research organization offering GLP and non-GLP services for the development of drugs, vaccines, and medical devices. From proof-of-concept studies to preclinical safety and efficacy studies, Noble Life Sciences has a wide range of services to meet your needs. For more information about Noble Life Sciences, visit www.noblelifesci.com