STANDARD OPERATING PROCEDURE #407

POLYCLONAL ANTIBODY PRODUCTION - RATS

PURPOSE

[illegible] (SOP) [illegible]

2. RESPONSIBILITY

P[illegible] (PI) [illegible]

3. MATERIALS

3.1. F[illegible]

3.2. F[illegible]

3.3. [illegible] 2.

4.1.3. F[illegible]

4.1.4. [illegible]

4.1.5. E[illegible] 21 [illegible] G [illegible]

NOTE: Proteins in polyacrylamide gel may cause adverse reaction at the site of injection. Use another method of purification or a dilution when possible.

4.2. Prepare 4 samples of the immunogen (labeled 1-4), each consisting of 200-500 micrograms of antigen in sterile PBS in a volume of 0.1 ml (per rat).

5.

5.12. Euthanize the animal if titer is still insufficient 6 months after initial immunization, or request authorization from veterinarian to pursue immunization.

SOP REVISION HISTORY

DATE	NEW VERSION
2022.01.13	~~3.7. Chlorhexidine~~
2022.01.13	4.1. The ~~PI must prepare an~~ immunogen ~~that is~~ :
2022.01.13	~~4.2. The PI must provide~~ 4 samples of the immunogen (labeled 1-4), each consisting of 200-500 micrograms of antigen in sterile PBS in a volume of 0.1 ml (per rat).
2022.01.13	~~5.5.2. Clean the injection site with chlorhexidine.~~
2022.03.10	Polyclonal antibody production is provided as a fee-

[redacted]

[redacted]