

Producing Polyclonal Antibodies in Rabbits
Updated by UCAR 12/15/21

The following general guidelines have been developed by UCAR for investigators who plan to produce polyclonal antibodies in rabbits.

Injection Sites and Volumes:

1. The hair at the injection site(s) must be clipped. The skin must be wiped with 70% alcohol or another antiseptic.
2. Intradermal route: A sterile 25 or 26 gauge needle is used for each injection, not to exceed a volume of 0.025 ml (25 microliters) per site¹. The location of the site(s) is over the dorsal thoracic or lumbar region (avoiding the scruff) bilaterally, spaced 3-4 cm away from each other to prevent confluence.

0.25 ml (250 microliters) per site in the biceps femoris and not to exceed thigh.