



Intraperitoneal (i.p.) Injection of Luciferin

Preferred site: Animal's lower left abdominal quadrant.

Needle size: 21 gauge or smaller (usually use 25 gauge for Luciferin injection)

Volume: 150 mg/kg, usually 150 μ L of Luciferin (15 mg/mL)

Note: 1mL i.p. injection of a nonirritating solution is easily tolerated.

Position of animal: Manually restrained, dorsal recumbency (abdomen side up), with cranial (head) end of animal pointed down.

Injection: Needle should be bevel-side up and slightly angled when entering the abdominal cavity. Penetrate just through abdominal wall (about 4-5mm). The tip of the needle should just penetrate the abdominal wall of the animal's left lower abdominal quadrant.