
 <p><b>University of Zurich</b> UZH Institute of Laboratory Animal Sciences</p>	<p><b>Standard Operating Procedure</b> <b>SOP</b></p>	<p>Page 1 of 2</p>
<p><b>Date:</b> 27.07.2022</p>	<p><b>Carprofen analgesia on EAE animals</b> (Formerly Post-surgery analgesia after stereotactic injection on EAE animals)</p>	<p><b>LTK-TRT-50-A-EN</b> <b>Version: A</b></p>
<p><b>This SOP replaces:</b>    Version: None</p>		
<p><b>Reason for Change:</b></p>		
<p><b>Related SOPs:</b></p>	<p>SOP-LTK-TRT-11-EN sc injection SOP-LTK-TRT-13-EN Isoflurane Anesthesia SOP-LTK-TRT-52-EN Injection anesthesia for stereotactic injections on EAE animals SOP-LTK-RES-51-EN Buprenorphine analgesia after stereotactic injection on EAE animals SOP-LTK-RES-1-EN EAE Scoring SOP-LTK-RES-86-EN Stereotactic Injection on EAE animals</p>	
<p><b>Indication of Use:</b></p>	<p>1. Post -surgery pain management, after surgical intervention and before application of antidote (in case of reversible 3-component anaesthesia, FDD)</p>	
<p><b>Aim of SOP:</b></p>	<p>This procedure describes how to perform analgesia by subcutaneous injection of Carprofen</p>	
<p><b>Distribution</b></p>	<p>1. Group Thorsten Buch 2. Server 3. Animal facility</p>	
<p><b>Attachments:</b></p>		
<p>Generated at: 27.07.2022</p>	<p>Checked and approved at: 27.07.2022</p>	
<p>by: Antonis Katsoulas</p>	<p>by: Thorsten Buch</p>	

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**Responsible Persons:** Any person with Module 1 and registered on a particular animal permit that this method is applicable.

**Reagents:**

0,1 mL Carprofen (Rimadyl®) 50 mg/mL; (= 0,15 mg/30g BW) (=0.15mg/0.03kg BW) (5mg/kg)  
+ 2,9 mL saline solution ad 3 mL

Store stock solution at 4°C until expiry date and working dilution for up to 1 week at 4°C or up to one year at -20°C.  
Note concentration, compound name and your initials and date of first opening (stock) and date of dilution (working solution) on vial/tube

**Safety:**

1. General rules for working with sharp tools (scalpels, syringes, scissors) have to be followed.
2. Follow the rules for the animal house

**Method Description:**

1. Indication and schedule according to *SOP-LTK-RES-1-EN EAE Scoring, attachment B*.
2. Application of working solution with 0,1 mL/ 30g BW (= 0,15 mg/30g BW; 5 mg/kg BW) as subcutaneous injection (see SOP-LTK-TRT-11-B-EN sc injection)
3. Record in SOP-LTK-RES-1-EN EAE Scoring, Attachment B - Intervention

**Documentation:**  
Lab book, Score sheet SOP-LTK-RES-1-EN EAE Scoring

**Problem management:**  
Report any other adverse event to your supervisor or vet