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Intestinal transit time

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Protocol status: Working

We use this protocol and it's working

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Abstract

Intestinal transit time measurement in mice



- 1 Prepare red dye (Carminered dye, Sigma #C1022) in 0,5% methylcellulose (Sigma #M7027).
- 2 Take the animal and administer the red dye by oral gavage.
- 3 After oral gavage, individualize the animals in separate boxes without bedding.
- 4 Monitor the animal boxes for a total time of 4h.
- 5 Register the time when the animals defecate the first dyed fece (stained red).
- 6 Represent the time until first dyed fece as the transit time of the animals.