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GI Transit Assay

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Protocol status: Working

We use this protocol and it's working

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Keywords: ASAPCRN, gi transit assay this test, gi transit assay, alteration in the gut transit, gut transit, constipation, possible signs of constipation, signs of constipation, test, possible sign

Abstract

This test is used to check for possible signs of constipation and alteration in the gut transit

Materials

Carmine red (Sigma-Aldrich, St. Louis MO)



- 1 Fast mice for 6 hours
- 2 Administer 0.3 mL Carmine red per mouse via oral gavage
- 3 Monitor the mice every 15 minutes for up to 5 hours for the appearance of the first red fecal pellet
- 4 The time from gavage to passage of first red pellet is recorded as total intestinal transit time.