

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

UC Davis - Dynamic contrast enhanced magnetic resonance imaging

DOI:10.17504/protocols.io.yh9ft96

Type: Protocol

Proper Citation

John Rutledge 2019. UC Davis - Dynamic contrast enhanced magnetic resonance imaging. protocols.io dx.doi.org/10.17504/protocols.io.yh9ft96

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.yh9ft96>

Authors: John Rutledge

Group: Mouse Metabolic Phenotyping Centers

Summary: Dynamic contrast enhanced magnetic resonance imaging (DCE-MRI) is used to assess blood-brain barrier permeability in vivo in rodent models. Post-processing image analysis is done using our in-house matlab script with patlak linearized regression mathematical modeling.

Affiliations: University of California, Davis

External URL: <https://mmpc.org/shared/document.aspx?id=283&docType=Protocol>

Version: 1

Publication Date: 2019

Proper Citation: John Rutledge 2019. UC Davis - Dynamic contrast enhanced magnetic resonance imaging. protocols.io dx.doi.org/10.17504/protocols.io.yh9ft96

Record Creation Time: 20210329T220530+0000

Record Last Update: 20210329T220948+0000

Data and Source Information

Source: