

## **Product Data Sheet**

Date of Issue: 26 Nov 2019

## 1. Product Information

- Product Name : Dextran (10K), Flamma® 552
- Catalog Number : RSC0305
- Packing Unit : 5 mg
- Appearance : Red Solid
- Storage Conditions : Protect from Light at -20 °C

## 2. Additional Information

- Fluorophore Label : Flamma® 552
- Excitation <sub>Max</sub> : 550 nm
- Emission <sub>Max</sub> : 565 nm

## 3. Description

Dextran (10K) Flamma<sup>®</sup> 552 is a fluorescent dextran that 10000 dalton dextran is conjugated with Flamma<sup>®</sup> 552. Fluorescent dextran conjugates are being utilized in a variety of biological studies such as cell lineage tracing in live cells, intercellular communication examination, vascular permeability, tracking endocytosis, and blood–brain barrier integrity. Dextran (10K) can be transported over long distance and can be applied to cut and fix nerves and brain tissues. Dextran (10K), Flamma<sup>®</sup> 552 might be utilized in a range of biochemical and biomedical applications, including for analyzing fluid-phase endocytosis, for tracing cell lineage, for examining intercellular communications, and for investigating vascular permeability and blood–brain barrier integrity.

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. MATERIAL SAFETY DATA: Review the complete Material Safety Data Sheet before use Material Safety Data Sheet (MSDS), Certificate of Analysis (COA) and Technical Information are available at http://www.bioacts.com or upon request.