

Diffuse reflectance phantom Brain 50 x 50 x 10 mm



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₹84,150

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SPECIFICATIONS

General

BrainType:

Physical & Mechanical Properties

50 x 50 x 10Dimensions (mm):

Material Properties	
12	Reduced Scattering Coefficient, μ_s' :
0.2	Absorption Coefficient, μ_a :
Regulatory Compliance	
Compliant	RoHS:
View	Certificate of Conformance:

PRODUCT DETAILS

- Mmic Muscle, Brain, or Adipose Tissue
- Available in 25 x25 mm and 50 x50 mm Sizes
- Ideal for a Range of Life Science Applications

Diffuse Reflectance Phantoms are solid samples that mimic the optical properties of biological tissues for testing, calibration, and characterization of biophotonics devices. These homogeneous phantoms, with well characterized optical properties at 780nm, simulate the optical properties and mechanical characteristics of biological tissues such as muscle, brain, and adipose tissue. These samples come in two sizes, 25 x25mm or 50 x50mm, to accommodate multiple experimental setups. Diffuse Reflectance Phantoms are ideal for spatial frequency domain imaging, diffuse reflectance spectroscopy, diffuse Raman spectroscopy, and biophotonics/biomedical imaging.