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Diffuse reflectance phantom Muscle 25 x 25 x 10 mm



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1 [-](#) [+](#) £540⁰⁰

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Volume Pricing

Qty 1-4	£540.00 each
Qty 5-9	£486.00 each
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Product Downloads

General

Muscle **Type:**

Physical & Mechanical Properties

25 x 25 x 10 **Dimensions (mm):**

Material Properties

Reduced Scattering Coefficient, μ'_s :

10

Absorption Coefficient, μ_a :

0.2

Regulatory Compliance

Certificate of Conformance:

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Product Details

- Mimic Muscle, Brain, or Adipose Tissue
- Available in 25 x 25 mm and 50 x 50 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 x 25mm or 50 x 50mm, 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.

Frequently Asked Questions for Optical Phantoms

This downloadable PDF includes in depth answers to commonly asked questions on our selection of Optical Phantoms. Inside, you'll find:

- What phantom should I choose for my application?
- What optical properties should I keep in mind when choosing a phantom?
- How are the optical properties of my phantom measured and determined?
- And more!

[Download Optical Phantom FAQs](#)
