

Trace Code*: **BioPixS0067**

Model	DRSM25 (Muscle, general purpose)
Wavelength	490 - 1100 nm
Technique	Time domain diffuse optical spectroscopy
Time domain model	Semi-infinite analytical model
Geometry	Reflectance
Source detector separation	2 cm
Operator	MT
Date	26/06/2024
Batch code	CC1B1yorz
Refractive index	1.5
Dimension	25 x 25 x 10 mm

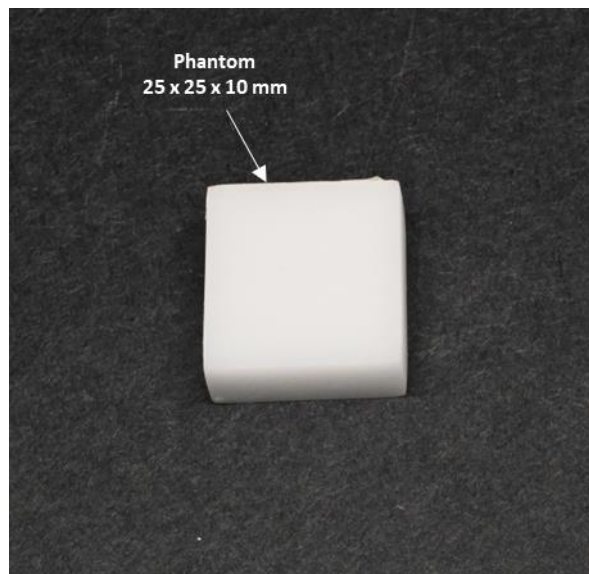


Part number	Wavelength (nm)	Absorption (cm ⁻¹)	Scattering (cm ⁻¹)	Absorption Coefficient of Variation (%)	Scattering Coefficient of Variation (%)
DRSM25	490	0.11	14.3	0.3	0.2
DRSM25	500	0.11	13.9	0.5	0.7
DRSM25	520	0.11	13.6	0.8	0.6
DRSM25	540	0.11	13.0	0.6	0.9
DRSM25	550	0.11	12.8	0.7	0.7
DRSM25	560	0.11	12.7	0.2	0.4
DRSM25	580	0.11	12.4	1.3	0.7
DRSM25	600	0.11	12.2	0.3	0.3
DRSM25	620	0.11	11.9	0.6	0.5
DRSM25	640	0.11	11.9	1.4	1.3
DRSM25	650	0.11	11.9	1.4	1.2
DRSM25	660	0.11	11.6	1.1	0.5
DRSM25	680	0.11	11.7	0.6	0.3
DRSM25	700	0.11	11.4	0.8	0.7
DRSM25	720	0.11	11.3	1.0	0.8
DRSM25	740	0.12	11.2	0.9	0.5
DRSM25	750	0.12	11.0	1.0	0.9
DRSM25	760	0.12	10.9	1.0	0.5
DRSM25	780	0.11	10.6	1.2	0.8
DRSM25	785	0.11	10.6	0.5	0.7
DRSM25	800	0.11	10.3	0.6	0.5
DRSM25	820	0.11	9.8	0.3	0.3

Datasheet - characterization

DRSM25

DRSM25	840	0.11	9.6	1.3	0.9
DRSM25	850	0.11	9.5	0.4	0.9
DRSM25	860	0.11	9.3	1.3	1.3
DRSM25	880	0.12	8.9	0.8	0.5
DRSM25	900	0.16	8.4	0.6	0.5
DRSM25	920	0.17	7.9	1.2	0.5
DRSM25	940	0.15	7.8	1.8	1.4
DRSM25	950	0.13	7.8	1.8	1.1
DRSM25	960	0.11	7.6	1.4	1.0
DRSM25	980	0.11	7.5	0.9	1.3
DRSM25	1000	0.13	7.1	10	10
DRSM25	1020	0.16	6.9	10	10
DRSM25	1040	0.16	6.9	10	10
DRSM25	1050	0.18	7.3	10	10
DRSM25	1060	0.23	8.6	10	10
DRSM25	1080	0.18	7.9	10	10
DRSM25	1100	0.12	6.6	10	10



*Cite/Reference Trace code in your publications to make your research traceable. This will help the peer community to trace the phantoms used in your research.

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