

Trace Code*: **BioPixS0067**

Model	DRSA50 (adipose tissue)
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	50 x 50 x 10 mm

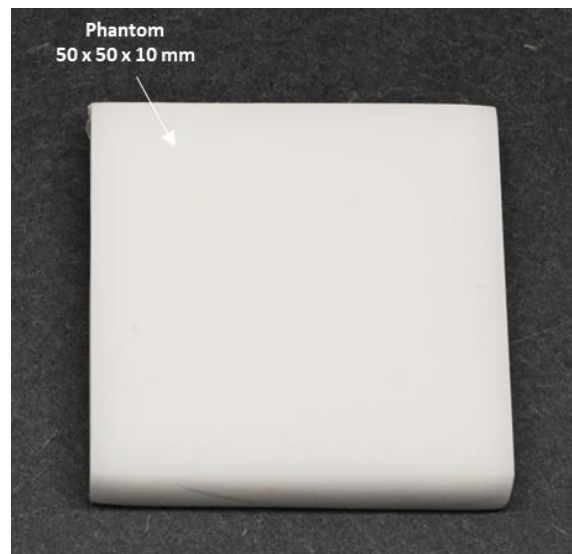


Part number	Wavelength (nm)	Absorption (cm ⁻¹)	Scattering (cm ⁻¹)	Absorption Coefficient of Variation (%)	Scattering Coefficient of Variation (%)
DRSA50	490	0.06	10.9	0.3	0.1
DRSA50	500	0.06	10.7	0.4	0.5
DRSA50	520	0.06	10.3	1.2	0.9
DRSA50	540	0.06	10.0	0.8	0.5
DRSA50	550	0.06	9.8	0.7	0.8
DRSA50	560	0.06	9.7	1.2	0.8
DRSA50	580	0.06	9.5	0.5	0.4
DRSA50	600	0.06	9.4	1.6	1.1
DRSA50	620	0.06	9.0	0.8	0.7
DRSA50	640	0.06	9.0	1.7	1.0
DRSA50	650	0.06	8.9	0.6	0.3
DRSA50	660	0.06	8.8	1.1	0.6
DRSA50	680	0.06	8.7	0.8	0.7
DRSA50	700	0.06	8.6	0.4	0.6
DRSA50	720	0.06	8.4	2.4	1.5
DRSA50	740	0.07	8.3	0.6	0.5
DRSA50	750	0.07	8.2	0.8	0.4
DRSA50	760	0.07	8.1	1.6	0.8
DRSA50	780	0.07	7.9	1.8	1.5
DRSA50	785	0.07	7.9	1.4	1.7
DRSA50	800	0.06	7.6	0.9	0.2
	820	0.06	7.3	2.6	1.2

Datasheet - characterization

DRSA50

DRSA50	840	0.06	7.2	0.6	0.7
DRSA50	850	0.06	7.1	1.7	1.9
DRSA50	860	0.06	6.9	1.1	1.3
DRSA50	880	0.07	6.7	1.0	0.6
DRSA50	900	0.11	6.3	0.7	0.7
DRSA50	920	0.14	6.1	1.0	0.7
DRSA50	940	0.11	5.9	1.6	1.6
DRSA50	950	0.09	5.8	1.9	1.3
DRSA50	960	0.08	5.7	1.0	0.9
DRSA50	980	0.08	5.6	1.4	1.1
DRSA50	1000	0.09	5.3	10	10
DRSA50	1020	0.12	5.2	10	10
DRSA50	1040	0.13	5.3	10	10
DRSA50	1050	0.14	5.5	10	10
DRSA50	1060	0.19	6.4	10	10
DRSA50	1080	0.14	6.0	10	10
DRSA50	1100	0.09	5.0	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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