

Trace Code*: **BioPixS0067**

Model	DRSB25 (Brain)
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

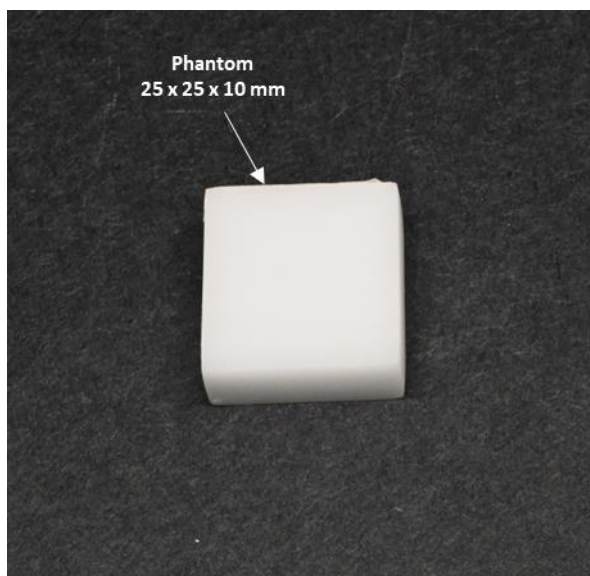


Part number	Wavelength (nm)	Absorption (cm ⁻¹)	Scattering (cm ⁻¹)	Absorption Coefficient of Variation (%)	Scattering Coefficient of Variation (%)
DRSB25	490	0.22	16.6	0.5	1.3
DRSB25	500	0.21	16.1	0.8	0.5
DRSB25	520	0.21	15.5	0.8	0.6
DRSB25	540	0.21	15.2	0.7	0.8
DRSB25	550	0.22	15.2	0.5	0.5
DRSB25	560	0.21	14.7	0.3	0.5
DRSB25	580	0.22	14.6	0.7	0.8
DRSB25	600	0.22	14.3	1.6	1.2
DRSB25	620	0.22	14.1	0.2	0.7
DRSB25	640	0.22	14.0	0.7	1.1
DRSB25	650	0.22	14.1	0.9	0.7
DRSB25	660	0.22	13.9	0.8	0.7
DRSB25	680	0.22	14.0	0.2	0.1
DRSB25	700	0.22	13.9	1.4	1.0
DRSB25	720	0.22	13.4	0.7	0.3
DRSB25	740	0.23	13.3	0.3	0.2
DRSB25	750	0.23	13.0	0.5	0.2
DRSB25	760	0.23	12.9	1.4	1.6
DRSB25	780	0.22	12.3	1.0	1.5
DRSB25	785	0.22	12.3	0.8	1.2
DRSB25	800	0.21	11.9	2.1	2.0
DRSB25	820	0.21	11.3	1.7	1.6

Datasheet - characterization

DRSB25

DRSB25	840	0.21	11.1	1.8	1.8
DRSB25	850	0.21	10.9	1.2	1.1
DRSB25	860	0.20	10.4	0.9	1.5
DRSB25	880	0.21	10.0	1.3	1.6
DRSB25	900	0.25	9.6	1.0	0.8
DRSB25	920	0.26	9.1	0.9	1.0
DRSB25	940	0.23	8.8	1.4	1.8
DRSB25	950	0.21	8.8	0.6	0.1
DRSB25	960	0.20	8.7	0.7	0.3
DRSB25	980	0.20	8.5	1.4	0.9
DRSB25	1000	0.22	8.1	10	10
DRSB25	1020	0.24	7.8	10	10
DRSB25	1040	0.26	8.0	10	10
DRSB25	1050	0.28	8.5	10	10
DRSB25	1060	0.36	10.1	10	10
DRSB25	1080	0.31	9.5	10	10
DRSB25	1100	0.21	7.5	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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