

GE Healthcare Spectrophotometer Cells and Cell Accessories

Standard Spectrophotometer Cells	Description	UV grade silica	Optical glass	Libra S35	Libra S35 PC	Libra S32 PC	Libra S32	Libra S22	Libra S21	Libra S12	Libra S11	Libra S2	Biowave II	Biowave DNA	Libra S6	Libra S4
Standard rectangular with lid	1mm pathlength, 10mm internal width, 200µl working volume, 12.5 x 45mm external dimensions. With spacers	80-2002-54	80-2003-83	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ²	✓ ²	x	x	x	x	x
	5mm pathlength, 10mm internal width, 1ml working volume, 12.5 x 45mm external dimensions. With spacers	80-2002-57 ¹	80-2003-85 ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ²	✓ ²	x	x	x	x	x
	10mm pathlength, 10mm internal width, 2ml working volume, 12.5 x 45mm external dimensions.	80-2002-58	80-2003-87	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	50mm pathlength, 10mm internal width, 10ml working volume, 52.5 x 45mm external dimensions	80-2002-63	80-2003-93	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³	✓ ³	✓ ⁴	✓ ⁴	x	x	x	x	x
Standard rectangular with stopper	10mm pathlength, 10mm internal width, 2000 µl working volume, 12.5 x 48mm external dimensions	80-2002-70	80-2003-98	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Semi-micro cell with stopper and black walls	10mm pathlength, 4mm internal width, 800 µl working volume, 12.5 x 48mm external dimensions	80-2002-81	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Semi-micro cell with lid and black walls	10mm pathlength, 4mm internal width, 800 µl working volume, 12.5 x 45mm external dimensions	80-2002-77	80-2004-15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Micro cell with lid and black walls	10mm pathlength, 2mm internal width, 400 µl working volume, 12.5 x 45mm external dimensions	80-2002-95	-	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	x	x
Micro cell with stopper and black walls	10mm pathlength, 2mm internal width, 400 µl working volume, 12.5 x 48 mm external dimensions	80-2002-99	-	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	x	x
Microvolume Spectrophotometer Cells	<i>Glass cells cannot be used in the UV region. Capillaries are intended for go-no go tests and not absolute absorbance measurements</i>															
Microvolume cell with black walls	10mm pathlength, 50 µl working volume	80-2076-38	-	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵	✓ ⁵	x	x	x	x	x	x	x
Microvolume cell with black walls	10 mm pathlength, 70 µl working volume, 12.5 x 48 mm external dimensions	80-2103-69	-	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	x	x
Ultra microvolume cell with black walls (includes micro sample viewer)	5mm pathlength, 5-7µl working volume, 12.5 x 48 mm external dimensions	80-2103-68	-	✓ ⁶	✓ ⁶	✓ ⁶	✓ ⁶	✓ ⁶	✓ ⁶	x	x	x	✓	✓	x	x
Spare micro sample viewer		80-2109-87	-	✓	✓	✓	✓	✓	✓	x	x	x	✓	✓	x	x
¹ Note: For use in the standard 8 cell changer or 80-2106-05 single cell holder only ² Note: Requires 80-2117-80 short pathlength cell holder. ³ Note: Requires 80-2106-07 10-50mm cell holder ⁴ Note: Requires 80-2109-05 10-50mm cell holder ⁵ Note: Requires 80-2106-09 microvolume cell holder ⁶ Note: Requires 80-2106-06 Ultra microvolume cell holder																

Optical Centre or "Z" height is 15mm

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Matched Spectrophotometer Cells ⁷	Description	Set of 2 UV grade silica	Set of 8 UV grade silica	Set of 8 optical glass	Libra S35	Libra S35 PC	Libra S32 PC	Libra S32	Libra S22	Libra S21	Libra S12	Libra S11	Libra S2	Biowave II	Biowave DNA	Libra S6	Libra S4
Standard rectangular with lid	2000µl working volume, 10mm internal width, 12.5 x 45mm external dimensions	80-2099-89	80-2109-80	80-2109-81	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Semi-micro with lid and black walls	800µl working volume, 4mm internal width, 12.5 x 45mm external dimensions	80-2100-13	80-2109-82	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Semi-micro with stopper and black walls	800µl working volume, 4mm internal width, 12.5 x 48mm external dimensions	80-2100-22	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Micro cell with lid and black walls	400µl working volume, 2mm internal width, 12.5 x 45mm external dimensions	80-2100-25	80-2109-83	-	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	✓	x	x
Other Spectrophotometer Cells and Cell Accessories	Description	Part number															
Continuous flow-through cells	10mm pathlength, UV grade Silica, 3mm internal diameter; 75µl volume, 12.5 x 45mm external dimensions	80-2003-05	-	-	✓	✓	✓	✓	✓	✓	x	x	x	x	x	x	x
	10mm pathlength, Optical glass, 4mm internal diameter, 450µl volume: 12.5 x 45mm external dimensions	80-2004-45	-	-	✓	✓	✓	✓	✓	✓	x	x	x	x	x	x	x
Sipper flowcell	10mm pathlength, 80µl internal volume, UV grade silica (includes tubing kit)	80-2080-60	-	-	✓	✓	✓	✓	✓	✓	x	x	x	x	x	x	x
Test tubes	Glass test tubes (pack of 10), marked for optical alignment, 12 x 100mm	80-2004-50	-	-	x	x	x	x	x	x	x	x	✓ ⁸	x	x	✓ ⁹	✓ ⁹
	Glass test tubes (pack of 10), marked for optical alignment, 24 x 150mm	80-2004-51	-	-	x	x	x	x	x	x	✓ ¹⁰	✓ ¹⁰	x	x	x	x	x
Cylindrical cell	100mm pathlength, 22mm diameter, UV grade silica	80-2003-12	-	-	✓ ¹⁴	✓ ¹⁴	✓ ¹⁴	✓ ¹⁴	✓ ¹⁴	✓ ¹⁴	x	x	x	x	x	x	x
Disposable cells	10mm pathlength, volume 2.5ml, methacrylate, pack of 100	80-2004-53	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10mm pathlength, volume 2.5ml, polystyrene, pack of 100	80-2084-11	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10mm pathlength, minimum volume 800µl, UV plastic, semi-micro, pack of 100	80-3000-77	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10mm pathlength, minimum volume 70µl, UV plastic, ultra-micro, pack of 100	80-3000-81	-	-	✓	✓	✓	✓	x	x	✓	✓	x	✓	✓	x	x
Cell spacers	For use with cells that have an 8.5mm optical centre, 6 spacers	80-2106-85	-	-	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	x	x	x
Packing pieces ¹¹	1mm pathlength cell pieces, pack of 8	80-2107-70	-	-	✓ ¹²	✓ ¹²	✓ ¹²	✓ ¹²	✓ ¹²	✓ ¹²	✓ ¹³	✓ ¹³	x	x	x	x	x
	5mm pathlength cell packing pieces, pack of 8	80-2107-71	-	-	✓ ¹²	✓ ¹²	✓ ¹²	✓ ¹²	✓ ¹²	✓ ¹²	✓ ¹³	✓ ¹³	x	x	x	x	x

⁷ Note: All matched cells have a 10mm pathlength

⁸ Note: Adaptor required for the 10 and 12mm test tubes 80-3000-57

⁹ Note: Adaptor set 80-2117-47 required for 10, 12 and 16 mm test tubes

¹⁰ Note requires 80-2109-33 cylindrical cell holder

¹¹ Note: For use with 1mm and 5mm pathlength cells

¹² Note: For use in the standard 8 cell changer or 80-2106-05 single cell holder only

¹³ Note: Requires 80-2117-80 short pathlength cell holder.

¹⁴ Note: Requires 80-2106-10 cylindrical cell holder.

Optical Centre or "Z" height is 15mm