

Materials List for:

# Rapid Screening of Bacteria-specific Compounds for Interrogating Distal Lung Infection in the Intensive Care Unit by Confocal Laser Endomicroscopy

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URL: <https://www.jove.com/video/56284>

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## Materials

Name	Company	Catalog Number	Comments
1-14 Microfuge	SciQuip	90616	Small benchtop microcentrifuge
96-well plate	Corning	3370	Assay plate
Calcein AM	Sigma Aldrich	17783	Commercial fluorescent dye
Cellvizio 488 nm Research CLE	Mauna Kea Technologies	LC-0001-488	Confocal laser endomicroscopy device
CletoP-S	CletoP	14110601	Fibre cleaner
Eppendorf (1.5 mL)	Eppendorf	30120086	1.5 mL microfuge tube
Eppendorf Research Plus Pipettes	Fisher Scientific	11568663	Micro pipettes
Falcon tube (50 mL)	Scientific Lab Supplies	352070	50 ml centrifugation tube
Gibco Phosphate Buffered Saline	Thermo Fisher Scientific	10010023	PBS - wash media
IC-Viewer	Mauna Kea Technologies	LW-0001	Data collection and processing software for the research CellVizio 488 nm system
Incu-Shake midi	Sciquip	SQ-4020	Floor standing shaking incubator
Lysogeny Broth	Sigma Aldrich (Miller)	L3522	LB Growth media for <i>S. aureus</i>
non-standard research AlveoFlex 488 nm	Mauna Kea Technologies	MP-0002-AF3	Fibred confocal fluorescence microscopy fibre
Quanti Kit 488 nm	Mauna Kea Technologies	LQ-0005	Calibration kit for the CellVizio 488 system
<i>S. aureus</i> ATCC 25923	ATCC	25923	Bacterial strain used in this study
Semi-micro spectrophotometry cuvette	Sigma Aldrich	C5416-100EA	For spectrophotometry
Thermomixer comfort	Eppendorf	41102422	Benchtop heater with shaking
UV 1101 Biotech photometer	Biochrom WPA		Spectrophotometer