

Filter Modules

BioLector® II / Pro



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Beckman Coulter Life Sciences

Product number	Product description	Details
E-OP-401	LED module for biomass	For biomass measurement: Ex 620 nm (bandpass: 10 nm) / (scattered light measurement)
E-OP-402	LED module for pH (HP8)	For pH measurement with MTP-xx-BOH1 and MTP-xx-BH1 microtiter plates (pH 5.0-7.0): Ex 470 nm (bandpass: 10 nm) / Em 525 nm (longpass)
E-OP-403	LED module for DO (Pst3)	For DO (dissolved oxygen) measurement with MTP-xx-BOH1 and MTP-xx-BO1 microtiter plates: Ex 520 nm (bandpass: 10 nm) / Em 600 nm (longpass)
E-OP-404	LED module for GFP / Gemini	For GFP/Gemini measurement: Ex 480 nm (bandpass: 10 nm) / Em 520 nm (bandpass: 25 nm)
E-OP-405	LED module for NADH/NADPH	For NADH/NADPH measurement: Ex 365 nm (bandpass: 10 nm) / Em 450 nm (bandpass: 10 nm)
E-OP-406	LED module for AlamarBlue	For AlamarBlue measurement: Ex 540 nm (bandpass: 10 nm) / Em 589 nm (bandpass: 10 nm)
E-OP-407	LED module for dsRed I, RFP I, tdTomato	For dsRed I, RFP I and tdTomato measurement: Ex 550 nm (bandpass: 10 nm) / Em 580 nm (bandpass: 10 nm)
E-OP-408	LED module for dsRed II and mApple	For dsRed II and mApple measurement: Ex 568 nm (bandpass: 10 nm) / Em 589 nm (bandpass: 10 nm)
E-OP-409	LED module for CFP I	For CFP I measurement: Ex 436 nm (bandpass: 10 nm) / Em 488 nm (bandpass: 10 nm)
E-OP-412	LED module for wtGFP / GFP-UV	For wtGFP/GFP-UV measurement: Ex 405 nm (bandpass: 10 nm) / Em 508 nm (bandpass: 10 nm)
E-OP-415	LED module for eYFP and Citrine	For eYFP and Citrine measurement: Ex 508 nm (bandpass: 10 nm) / Em 532 nm (bandpass: 10 nm)
E-OP-418	LED module for Evoglow	For Evoglow measurement: Ex 450 nm (bandpass: 10 nm) / Em 500 nm (bandpass: 10 nm)
E-OP-419	LED module for mCherry / RFP II	For mCherry and RFP II measurement: Ex 580 nm (bandpass: 10 nm) / Em 610 nm (bandpass: 10 nm)
E-OP-421	LED module for pH (LG1)	For pH measurement with MTP-xx-BOH2 and MTP-xx-BH2 microtiter plates (pH 4.8-7.2): Ex 508 nm (bandpass: 10 nm) / Em 550 nm (long pass)
E-OP-422	LED module for mVenus	For mVenus measurement: Ex 515 nm (bandpass: 10 nm) / Em 532 nm (bandpass: 10 nm)

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E-OP-424	LED module for low pH (pH51)	For low pH measurement with MTP-xx-BOH3 and MTP-xx-BH3 microtiter plates (pH 4.0-6.0): Ex 625 nm (bandpass: 25 nm) / Em 750 nm (long pass)
E-OP-427	LED module for riboflavin	For riboflavin measurement: Ex 436 nm (bandpass: 10 nm) / Em 540 nm (bandpass: 10 nm)
E-OP-428	LED module for DO (RF)	For DO (dissolved oxygen) measurement with MTP-xx-BOH2 and MTP-xx-BO2 microplates: Ex 620 nm (bandpass: 25 nm) / Em 775 nm (bandpass: 50 nm)
E-OP-429	LED module for HPTS I	For HPTS I measurement: Ex 405 nm (bandpass: 10 nm) / Em 520 nm (bandpass: 10 nm)
E-OP-430	LED module for HPTS II	For HPTS II measurement: Ex 450 nm (bandpass: 10 nm) / Em 520 nm (bandpass: 10 nm)
E-OP-432	LED module for propidium iodide I	For propidium iodide I measurement: Ex 532 nm (bandpass: 10 nm) / Em 620 nm (bandpass: 10 nm). Recommended for detection of cell death in microbial cultures.
E-OP-435	LED module for mRuby	For mRuby measurement: Ex 550 nm (bandpass: 10 nm) / Em 610 nm (bandpass: 10 nm)
E-OP-440	LED module for propidium iodide II	For propidium iodide II measurement: Ex 488 nm (bandpass: 10 nm) / Em 578 nm (bandpass: 10 nm). Recommended for measurement of propidium iodide in unbound state.
E-OP-443	LED module for eCFP	For eCFP measurement: Ex 430 nm (bandpass: 10 nm) / Em 486 nm (bandpass: 10 nm)
E-OP-444	LED module for ECFP-Citrine	For ECFP Citrine measurement: Ex 430 nm (bandpass: 10 nm) / Em 532 nm (bandpass: 10 nm)
E-OP-445	LED module for BFP II	For BFP II measurement: Ex 375 nm (bandpass: 10 nm) / Em 445 nm (bandpass: 10 nm)
E-OP-446	LED module for GFP II	For GFP II measurement: Ex 505 nm (bandpass: 10 nm) / Em 520 nm (bandpass: 10 nm)

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E-OP-447	LED module for Doxorubicin	For Doxorubicin measurement: Ex 480 nm (bandpass: 10 nm) / Em 589 nm (bandpass: 10 nm)
E-OP-498	Configurable LED module	Placeholder for a BioLector® II and Pro filter module to be selected later. This product number is temporary and will differ from the product number of the delivered module.
S-OP-DEV	Evaluation of a custom filter module	Fee for the development and evaluation of a new custom filter module. Please check availability of filters and LEDs. The wavelengths for emission and excitation can be between 365 and 800 nm (bandpass filter: 10 nm).