



# Filter Selection Guide

## Microplate Reader LF 500 NanoScan



laser modules

The table shows some typical applications and dyes which can be measured with the IOM microplate reader LF 500 NanoScan.

If your application is not listed, please contact us.

application/ fluorescence label	laser module	detection filter bandpass	detection filter longpass
Acridin Orange	488	535/ 35	
Alexa Fluor 430	420	535/ 35	
Alexa Fluor 647	650		695
AMCA	365	460/ 50	
Atto 425	420	488/ 10	
Atto 495	488	535/ 35	
Atto 520	505	550/ 20	590
Atto 565	550	590/ 20	590
Atto 610	590	675/ 30	630
Atto 650	650		695
Bodipy 630/650	633	675/ 30	665
Bodipy 493/503	488	535/ 35	
Bodipy 576/589	550	590/ 20	
Cascade Blue	390	460/50	
Cy2	488	535/ 35	
Cy3	550	590/ 20	590
Cy5	633	675/ 30	665
Cy7	745	819/ 10	
DAPI	365	460/ 50	
Dy 630	633	675/ 30	665
Dy 635	633	675/ 30	665
Dy 780	745	819/ 10	
Evoblue 30	633	675/ 30	665
FAD	456	532/ 10	
FITC	488	535/ 35	
Hoechst 33258	365	460/ 50	
Hydroxycoumarin	390	460/50	
Lucifer Yellow	420	535/ 35	
NADH	337	456/ 10	
Oxygen-Plate	456	630/ 50	
Oyster 645	633	675/ 30	665
Oyster 556	550	590/ 20	590
Pacific Blue	390	460/50	
Rhodamine 6G	505	550/ 20	590
Rhodamine B	550	590/ 20	
Ru-Label	456	630/ 50	
SYBR Green II	488	535/ 35	
TAMRA	550	590/ 20	590
Texas Red	590		630

[www.iom-berlin.de](http://www.iom-berlin.de)

IOM GmbH  
Rudower Chaussee 29  
12489 Berlin  
Germany

[www.iom-berlin.de](http://www.iom-berlin.de)  
[info@iom-berlin.de](mailto:info@iom-berlin.de)  
Tel. +49-30-63 92 65 55  
Fax +49-30-63 92 65 56



Innovative  
Optische Messtechnik  
GmbH