

## Nikon A1

Position	Objective	for UV	DIC	Magnification	Num. Aperture	Immersion medium	Working Distance (mm)	Internal number
1	CFI Plan Apo 10x0,45 WD DIC N1			10	0.45	air	4.0	148 Ba
2	CFI Plan Fluor 20x0,75 Mimm WD DIC N2		N2	20	0.75	<b>water</b> with /without cover glass <b>glycerine</b> with/without cover glass, <b>oil</b>	0.33-0.35 H <sub>2</sub> O, gly,oil	149 Ba
3	CFI Plan Fluor 40x1,30 Oil WD DIC H/N2		N2	40	1.3	oil	0.2	150 Ba
4	CFI Plan Apo VC 60x1,40 Oil WD DIC N2		N2	60	1.4	oil	0.13	151 Ba
5	CFI Plan Apo VC 60x1,20 WI WD		N2	60	1.2	H <sub>2</sub> O	0.27	152 Ba
6	Apo LWD 40x/1,15 WI DIC N2		N2	40	1.15	H <sub>2</sub> O	0.60	166 Ba

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Filters for direct visualization by eye:

	Filter name	Filter	Dyes	Internal Nr.:
1	Ex 340-380, DM400, BP 435-485	DAPI	DAPI, Hoechst 33342	096
2	EGFP HC-Filterset (Bandpass)	GFP	GFP, Cy 2	097
3	TRITC HC Filterset (Bandpass)	TRITC	TRITC, Cy 3	098
4	DIC	DIC-Analyse	-	099
5	CFP HC -Filterset	CFP	CFP	100
6	empty	empty	empty	-
for exchange:	Cy 5 HC-Filterset	Cy 5	Cy 5, Toto	102
for exchange:	F SET 64 HE	mCherry	mCherry	255
for exchange:	YFP HC-Filterset	YFP	YFP	101
for exchange:	mCherry	mCherry	mCherry	111
for exchange:				