

CCD1 INFORMATION

Name		CCD1
Make/Description		ZEISS Axioplan & Spot CCD camera
Upright/Inverted?		Upright
Live cell support		No
Detection System		16 bit CCD, 1024 x 1024 pixels, 3 channel (colour) option
Computer controlled	Time series	Yes but N/A
	Z-series	No
	Multiple wavelengths	No

OBJECTIVES

Position	1	2	3	4	5	6	7
Objective name	PLAN NEOFLUAR	PLAN NEOFLUAR	PLAN NEOFLUAR	PLAN NEOFLUAR	PLAN NEOFLUAR	PLAN NEOFLUAR	PLAN NEOFLUAR
Magnification	2.5x	5x	10x	20x	40x	63x	100x
Contrast methods	BF/FL	BF/Ph1/FL	BF/Ph1/FL	BF/FL	BF/Ph2/FL	BF/Ph3/FL	BF/FL
Numerical Aperture	0.075	0.15	0.30	0.50	0.75	1.25	1.30
Cover glass thickness	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Correction collar	No	No	No	No	No	No	No
Immersion liquid	Air	Air	Air	Air	Air	Oil	Oil

FILTER CUBES

Position (left of cube facing you)	Shortcut on metamorph desktop e.g.probe	Zeiss Filter cube number	Colour of excitation	Colour of emission (approx)	Excitation wavelength	Dichroic beamsplitter	Emission wavelength
1	DAPI	02	Ultra-violet blue	Blue-red	G365	FT395	LP420
2	-	-	-	-	-	-	-
3	APC/CY5	26	Yellow/orange	Far red	BP575-625	FT645	BP660-710
4	CY3 / RHODAMINE	15	Green	Red	BP456/12	FT580	HQ 610/75M
5	FITC	10	True blue	Green	BP450-490	FT510	515-565