

CLONEPIX[™] 2 APPLICATIONS TIPS & RECOMMENDATIONS FOR SUCCESSFUL PICKING

Prior to Picking:

Plates & Media:

• Ensure 2mL of media per well in 6-well plate, with media touching edges of wells. Do not disturb plated cells for at least 5 days post plating

Sanitise Options

Start

- Disposable pipettes may be useful in more accurate dispensing.
- Keep well plates level to ensure even distribution of media during incubation
 Different media heights can affect imaging readings
- Keep plates steady during transport
- Add sterile water to reservoirs around wells to retain humidity and prevent the evaporation of the semisolid media.

Wash Bottles:

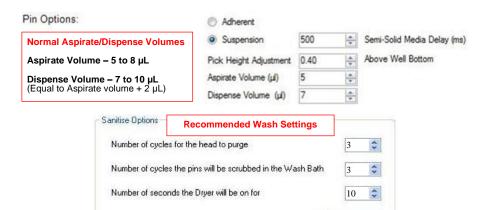
- Ensure all wash bottles are full and caps are secure
- To reduce contamination, use autoclaved/sterilized water for picking.
 - Millex-LG 0.20µm filters (included) help minimize sterility issues.
- When changing wash bottles, run the "Sanitize Pins" function under Utilities on the Fusion Software Main Page for a minimum of <u>30 cycles</u> for the head to purge

Number of cycles for the head to purge 30 Number of cycles the pins will be scrubbed in the Wash Bath 5 Number of seconds the Dryer will be on for 10 Start

Picking Head:

- F2 (0.7mm) Pins are recommended for Adherent Cell Picking
- F1 (0.4mm) Pins are recommended for Suspension Cell Picking
- When changing heads or pins, run the "Picking Head Alignment" function under Utilities on the Fusion Software Main Page

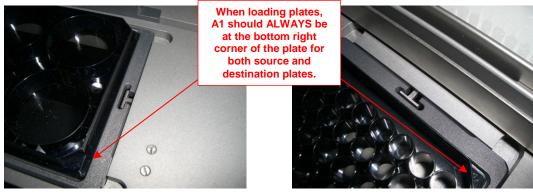
Picking Settings:



Group Settings:

	Feature	F1 Pins	F2 Pins	
	Too Big	0.7	0.7	*For better monoclonality assurance, a minimum of 1.0mm is recommended.
	Too Small	0.03	0.03	
	Irregular 1	0.6	0.6	
	Irregular 2	0.6	0.6	
	Proximity*	0.7-1.0	1.0-1.2	

And Always Remember...



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