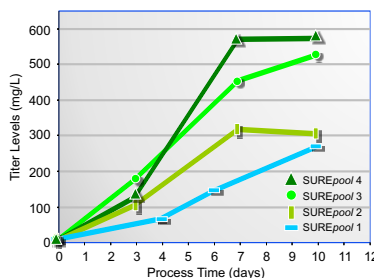


## Pick the Best Antibody for Improved Clinical Success!

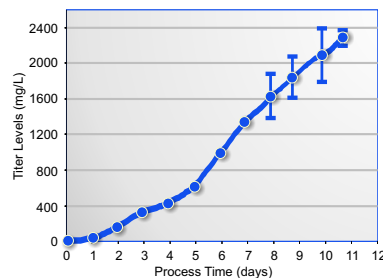
DISPLAY LIBRARY 10<sup>9</sup> - 10<sup>11</sup>



NON-FED, NON-OPTIMIZED SHAKER FLASK



FED-BATCH CULTURE SHAKER FLASK



### SUREvariant SCREENING

Up to 500 variants screened for **ACTIVITY** and **EXPRESSION** at the same time

### SUREpools

Typical MAb expression levels up to 500 mg/L 5 weeks from transfection

### SUREclones

Typical fed-batch expression levels > 2 grams of protein 5 weeks post screening



Selexis' SUREvariant Screening™ accelerates and improves outcomes from displayed library selection campaigns by reducing the time and the number of steps to identify

potential lead candidates. The SUREvariant Screening™ platform used at Selexis can generate panels of up to 500 CHO-M cell pools (SUREpools™), each expressing different protein variants. Typical expression levels in the supernatants (SUREnatants™) for MAbs vary between 50-500 mg/L. The SUREnatants™ containing the recombinant proteins expressed with mammalian post-translational modifications can be readily assessed for activity. Subsequently, Selexis SUREpools™ top candidates can be banked (stored) and then reused for further assays. The top SUREpool™ candidate is transferred to the Selexis' SURE Cell Line™ Development platform to generate a high producing clonal cell line ready for cGMP manufacturing. The entire process from SUREvariant Screening™ to the clonal cell line can be as short as 14 weeks. Selexis SUREvariant Screening™ can reduce your development costs by over \$500,000 per clinical candidate!

### Screen your lead antibodies using the Selexis SUREvariant Screening™ program in weeks!

**10 VHC**

VH01  
VH02  
VH03  
VH04  
VH05  
VH06  
VH07  
VH08  
VH09  
VH10

**25 VLc**

VL01  
VL02  
VL03  
VL04  
VL05  
VL06  
VL07  
VL08  
VL09  
VL10  
VL11  
VL12  
VL13  
VL14  
VL15  
VL16  
VL17  
VL18  
VL19  
VL20  
VL21  
VL22  
VL23  
VL24  
VL25

**250 Antibody Combinations**

VL01-VH01	VL02-VH01	VL03-VH01	VL04-VH01	VL05-VH01	VL06-VH01	VL07-VH01	VL08-VH01	VL09-VH01	VL10-VH01	VL11-VH01	VL12-VH01	VL13-VH01	VL14-VH01	VL15-VH01	VL16-VH01	VL17-VH01	VL18-VH01	VL19-VH01	VL20-VH01	VL21-VH01	VL22-VH01	VL23-VH01	VL24-VH01	VL25-VH01
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**Pool Screening Quality**

Time (days)	Candidate 1 (ug/ml)	Candidate 2 (ug/ml)	Candidate 3 (ug/ml)
0	0	0	0
2	100	80	60
4	180	140	120
6	240	140	140

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