

The BioWrite™ sample substrate contains a collection of 1 mm² protein micropatterns of grids and lines with characteristic feature sizes ranging from 15 µm to 100 µm. The individual micropatterns are placed in the center of the substrate and organized as shown below.

M	N	O	
I	J	K	L
E	F	G	H
A	B	C	D

Pattern arrangement on substrate

Pattern feature dimensions*

Pattern	Type	Characteristic dimension (µm)	Pitch (µm)
A	Square	15	45
B	Square	20	50
C	Square	30	60
D	Square	40	70
E	Square	50	80
F	Square	60	90
G	Rectangle	20x50	50x80
H	Square	100	130
I	Line	15	45
J	Line	20	50
K	Line	30	60
L	Line	40	70
M	Line	50	80
N	Line	60	90
O	Line	100	130

*All dimensions are nominal values.