

[illegible]

Mean Cell Area data (Figure 4a and b – serum (FBS))

Average cell area 4 hrs 10% FBS

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Average cell area 4 hrs 0% FBS

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Average cell area 24 hrs 10% FBS

[illegible]

Average cell area 24 hrs 0% FBS

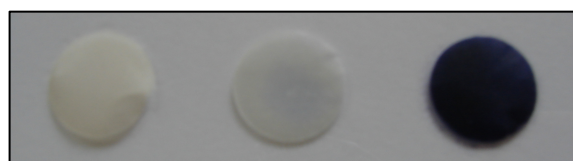
24 hrs										
	Cell	Ser	Gly	Ala	Val	Leu	Ile	Phe	Tyr	Trp
Cell	-	ns	ns	x	x	x	x	ns	ns	x
Ser	ns	-	ns	x	x	x	ns	ns	ns	x
Gly	ns	ns	-	x	x	x	ns	ns	ns	x
Ala	x	x	x	-	x	x	x	x	x	ns
Val	x	x	x	x	-	ns	ns	ns	ns	ns
Leu	x	x	x	x	ns	-	ns	x	ns	ns
Ile	x	ns	ns	x	ns	ns	-	ns	ns	ns
Phe	ns	ns	ns	x	ns	x	ns	-	ns	x
Tyr	ns	ns	ns	x	ns	ns	ns	ns	-	ns
Trp	x	x	x	ns	ns	ns	ns	x	ns	-

Fibronectin absorption from 10% FBS data (Fig.5a)

1 hr	1	2	3	4	5	6	7	8	9	10
	Cell	Ser	Gly	Ala	Val	Leu	Ile	Phe	Tyr	Trp
Cell	—	ns	ns	*	*	ns	*	*	*	*
Ser	ns	—	ns	*	*	ns	*	*	*	*
Gly	ns	ns	—	*	*	ns	*	*	*	*
Ala	*	*	*	—	*	*	ns	*	*	*
Val	*	*	*	*	—	*	*	*	*	*
Leu	ns	ns	ns	*	*	—	*	*	*	*
Ile	*	*	*	Ns	*	*	—	*	*	*
Phe	*	*	*		*	*	*	—	ns	ns
Tyr	*	*	*	*	*	*	*	ns	—	ns
Trp	*	*	*	*	*	*	*	ns	ns	—

Kaiser Test Result

A image of a typical Kaiser test is shown below



A

B

C

where (A) is an unmodified cellulose sample (Cell), (B) an Fmoc-protected Trp modified sample and (C) is an Fmoc-deprotected Trp modified sample.

ToF-SIMS data for amino acid modified cellulose samples

