

The Original Blots

MEDIATORS OF INFLAMMATION

TNF- α

Y = Young

M = Middle Aged

Groups

1, 7, 13, 19, 25, 31 = Young/NE

2, 8, 14, 20, 26, 32 = Middle-Aged/NE

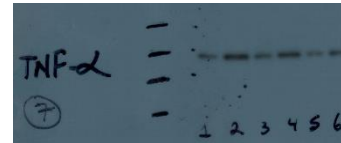
3, 9, 15, 21, 27, 33 = Young/0,8 Km/h

4, 10, 16, 22, 28, 34 = Middle-Aged/0,8 Km/h

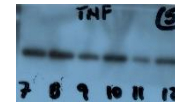
5, 11, 17, 23, 29, 35 = Young/1,2 Km/h

6, 12, 18, 24, 30, 36 = Middle-Aged/1,2 Km/h

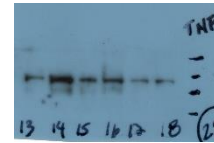
Y	M	Y	M	Y	M
NE		0,8 Km/h		1,2 Km/h	



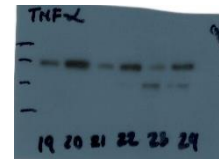
ASSAY 1



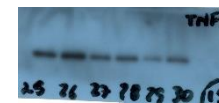
ASSAY 2



ASSAY 3



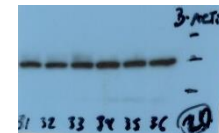
ASSAY 4



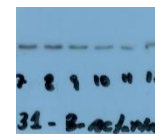
ASSAY 5



ASSAY 6



ASSAY 7/ β -Actin



ASSAY 8/ β -Actin

IL-1 β

Y = Young

M = Middle Aged

Groups

1, 7, 13, 19, 25, 31 = Young/NE

2, 8, 14, 20, 26, 32 = Middle-Aged/NE

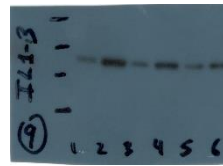
3, 9, 15, 21, 27, 33 = Young/0,8 Km/h

4, 10, 16, 22, 28, 34 = Middle-Aged/0,8 Km/h

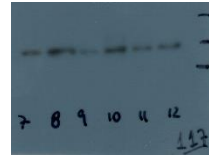
5, 11, 17, 23, 29, 35 = Young/1,2 Km/h

6, 12, 18, 24, 30, 36 = Middle-Aged/1,2 Km/h

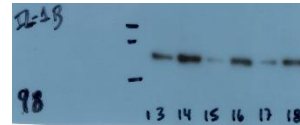
Y	M	Y	M	Y	M
	NE		0,8 Km/h		1,2 Km/h



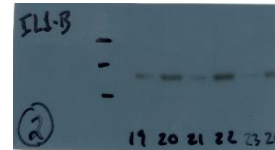
ASSAY 1



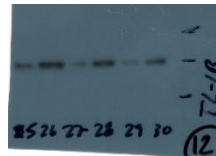
ASSAY 2



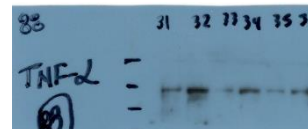
ASSAY 3



ASSAY 4



ASSAY 5



ASSAY 6



ASSAY 7/ β -Actin



ASSAY 8/ β -Actin

NF- κ B

Y = Young

M = Middle Aged

Groups

1, 7, 13, 19, 25, 31 = Young/NE

2, 8, 14, 20, 26, 32 = Middle-Aged/NE

3, 9, 15, 21, 27, 33 = Young/0,8 Km/h

4, 10, 16, 22, 28, 34 = Middle-Aged/0,8 Km/h

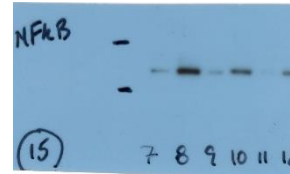
5, 11, 17, 23, 29, 35 = Young/1,2 Km/h

6, 12, 18, 24, 30, 36 = Middle-Aged/1,2 Km/h

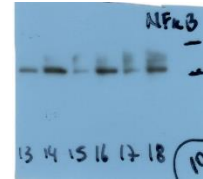
Y	M	Y	M	Y	M
NE		0,8 Km/h		1,2 Km/h	



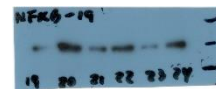
ASSAY 1



ASSAY 2



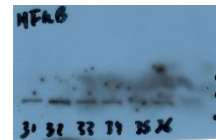
ASSAY 3



ASSAY 4



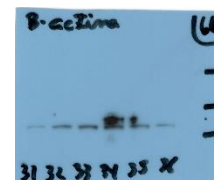
ASSAY 5



ASSAY 6



ASSAY 7/ β -Actin



ASSAY 8/ β -Actin

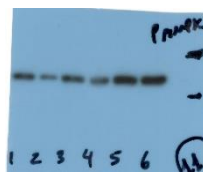
pAMPK

Y = Young
M = Middle Aged

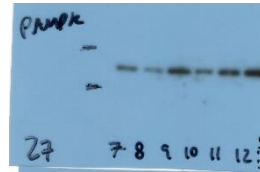
Groups

1, 7, 13,19,25,31 = Young/NE
2,8,14,20,26,32 = Middle-Aged/NE
3,9,15,21,27,33 = Young/0,8 Km/h
4,10,16,22,28,34 = Middle-Aged/0,8 Km/h
5,11,17,23,29,35 = Young/1,2 Km/h
6,12,18,24,30,36 = Middle-Aged/1,2 Km/h

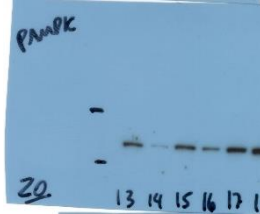
Y	M	Y	M	Y	M
NE		0,8 Km/h		1,2 Km/h	



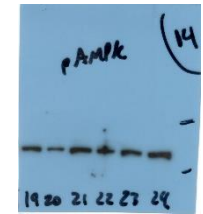
ASSAY 1



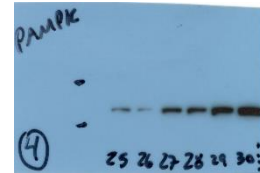
ASSAY 2



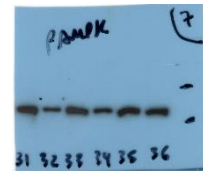
ASSAY 3



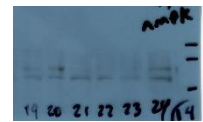
ASSAY 4



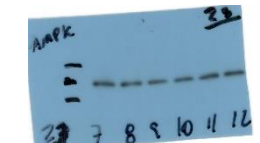
ASSAY 5



ASSAY 6



ASSAY 7/ AMPK total



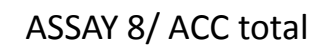
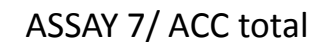
ASSAY 8/ AMPK total

Y = Young
M = Middle Aged

M = Middle Aged

1, 7, 13, 19, 25, 31 = Young/NE
2, 8, 14, 20, 26, 32 = Middle-Aged/NE
3, 9, 15, 21, 27, 33 = Young/0,8 Km/h
4, 10, 16, 22, 28, 34 = Middle-Aged/0,8 Km/h
5, 11, 17, 23, 29, 35 = Young/1,2 Km/h
6, 12, 18, 24, 30, 36 = Middle-Aged/1,2 Km/h

Y	M	Y	M	Y	M
<hr/>		<hr/>		<hr/>	
NE		0,8 Km/h		1,2 Km/h	



SIRT1

Y = Young

M = Middle Aged

Groups

1, 7, 13,19,25,31 = Young/NE

2,8,14,20,26,32 = Middle-Aged/NE

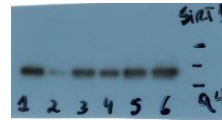
3,9,15,21,27,33 = Young/0,8 Km/h

4,10,16,22,28,34 = Middle-Aged/0,8 Km/h

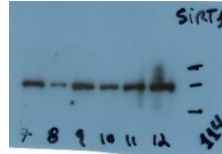
5,11,17,23,29,35 = Young/1,2 Km/h

6,12,18,24,30,36 = Middle-Aged/1,2 Km/h

Y	M	Y	M	Y	M
NE		0,8 Km/h		1,2 Km/h	



ASSAY 1



ASSAY 2



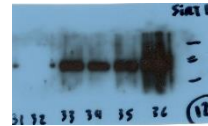
ASSAY 3



ASSAY 4



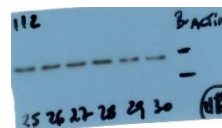
ASSAY 5



ASSAY 6



ASSAY 7/ ACC total/



ASSAY 8/ ACC total

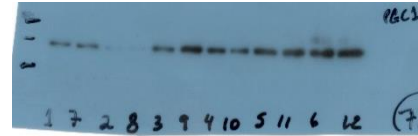
PGC-1 α

Y = Young
M = Middle Aged

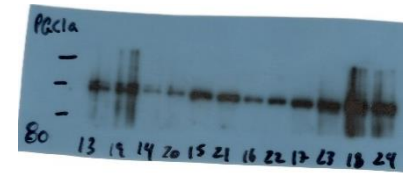
Groups

1, 7, 13, 19, 25, 31 = Young/NE
2, 8, 14, 20, 26, 32 = Middle-Aged/NE
3, 9, 15, 21, 27, 33 = Young/0,8 Km/h
4, 10, 16, 22, 28, 34 = Middle-Aged/0,8 Km/h
5, 11, 17, 23, 29, 35 = Young/1,2 Km/h
6, 12, 18, 24, 30, 36 = Middle-Aged/1,2 Km/h

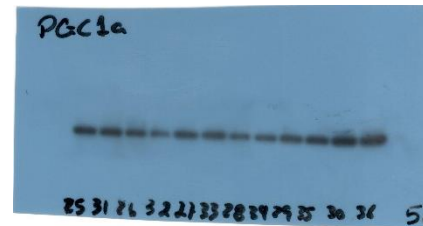
YY	MM	YY	MM	YY	MM
<hr/>		<hr/>		<hr/>	
NE		0,8 Km/h		1,2 Km/h	



ASSAY 1



ASSAY 2



ASSAY 3

CPT-1

Y = Young

M = Middle Aged

Groups

1, 7, 13, 19, 25, 31 = Young/NE

2, 8, 14, 20, 26, 32 = Middle-Aged/NE

3, 9, 15, 21, 27, 33 = Young/0,8 Km/h

4, 10, 16, 22, 28, 34 = Middle-Aged/0,8 Km/h

5, 11, 17, 23, 29, 35 = Young/1,2 Km/h

6, 12, 18, 24, 30, 36 = Middle-Aged/1,2 Km/h

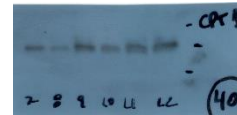
Y	M	Y	M	Y	M
NE		0,8 Km/h		1,2 Km/h	

OR

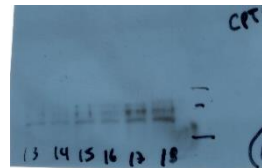
YY	MM	YY	MM	YY	MM
NE		0,8 Km/h		1,2 Km/h	



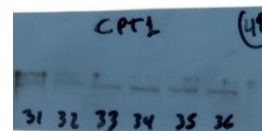
ASSAY 1



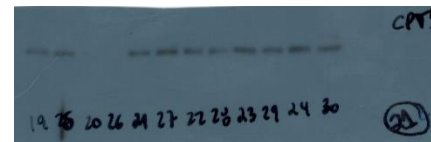
ASSAY 2



ASSAY 3



ASSAY 4



ASSAY 5

CYT-C

Y = Young

M = Middle Aged

Groups

1, 7, 13,19,25,31 = Young/NE

2,8,14,20,26,32 = Middle-Aged/NE

3,9,15,21,27,33 = Young/0,8 Km/h

4,10,16,22,28,34 = Middle-Aged/0,8 Km/h

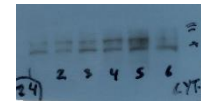
5,11,17,23,29,35 = Young/1,2 Km/h

6,12,18,24,30,36 = Middle-Aged/1,2 Km/h

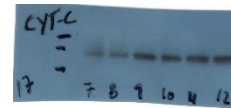
Y	M	Y	M	Y	M
NE		0,8 Km/h		1,2 Km/h	

OR

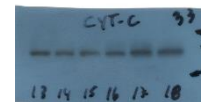
YY	MM	YY	MM	YY	MM
NE		0,8 Km/h		1,2 Km/h	



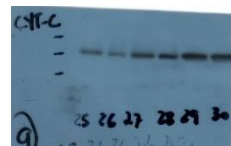
ASSAY 1



ASSAY 2



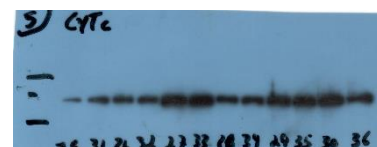
ASSAY 3



ASSAY 4



ASSAY 5



ASSAY 6

SDH

Y = Young
M = Middle Aged

Groups

1, 7, 13,19,25,31 = Young/NE

2,8,14,20,26,32 = Middle-Aged/NE

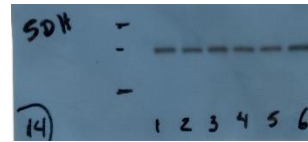
3,9,15,21,27,33 = Young/0,8 Km/h

4,10,16,22,28,34 = Middle-Aged/0,8 Km/h

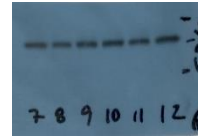
5,11,17,23,29,35 = Young/1,2 Km/h

6,12,18,24,30,36 = Middle-Aged/1,2 Km/h

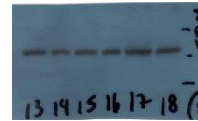
Y	M	Y	M	Y	M
NE		0,8 Km/h		1,2 Km/h	



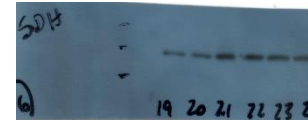
ASSAY 1



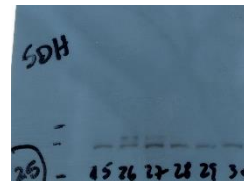
ASSAY 2



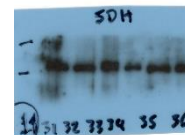
ASSAY 3



ASSAY 4



ASSAY 5



ASSAY 6

Citrato Sintase

Y = Young

M = Middle Aged

Groups

1, 7, 13, 19, 25, 31 = Young/NE

2, 8, 14, 20, 26, 32 = Middle-Aged/NE

3, 9, 15, 21, 27, 33 = Young/0,8 Km/h

4, 10, 16, 22, 28, 34 = Middle-Aged/0,8 Km/h

5, 11, 17, 23, 29, 35 = Young/1,2 Km/h

6, 12, 18, 24, 30, 36 = Middle-Aged/1,2 Km/h

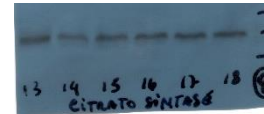
Y	M	Y	M	Y	M
	NE	0,8 Km/h	1,2 Km/h		



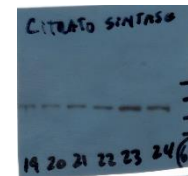
ASSAY 1



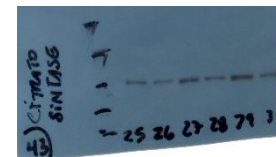
ASSAY 2



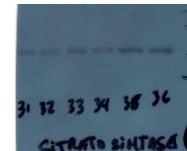
ASSAY 3



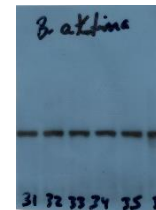
ASSAY 4



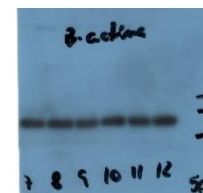
ASSAY 5



ASSAY 6



ASSAY 7/ β -Actin



ASSAY 8/ β -Actin