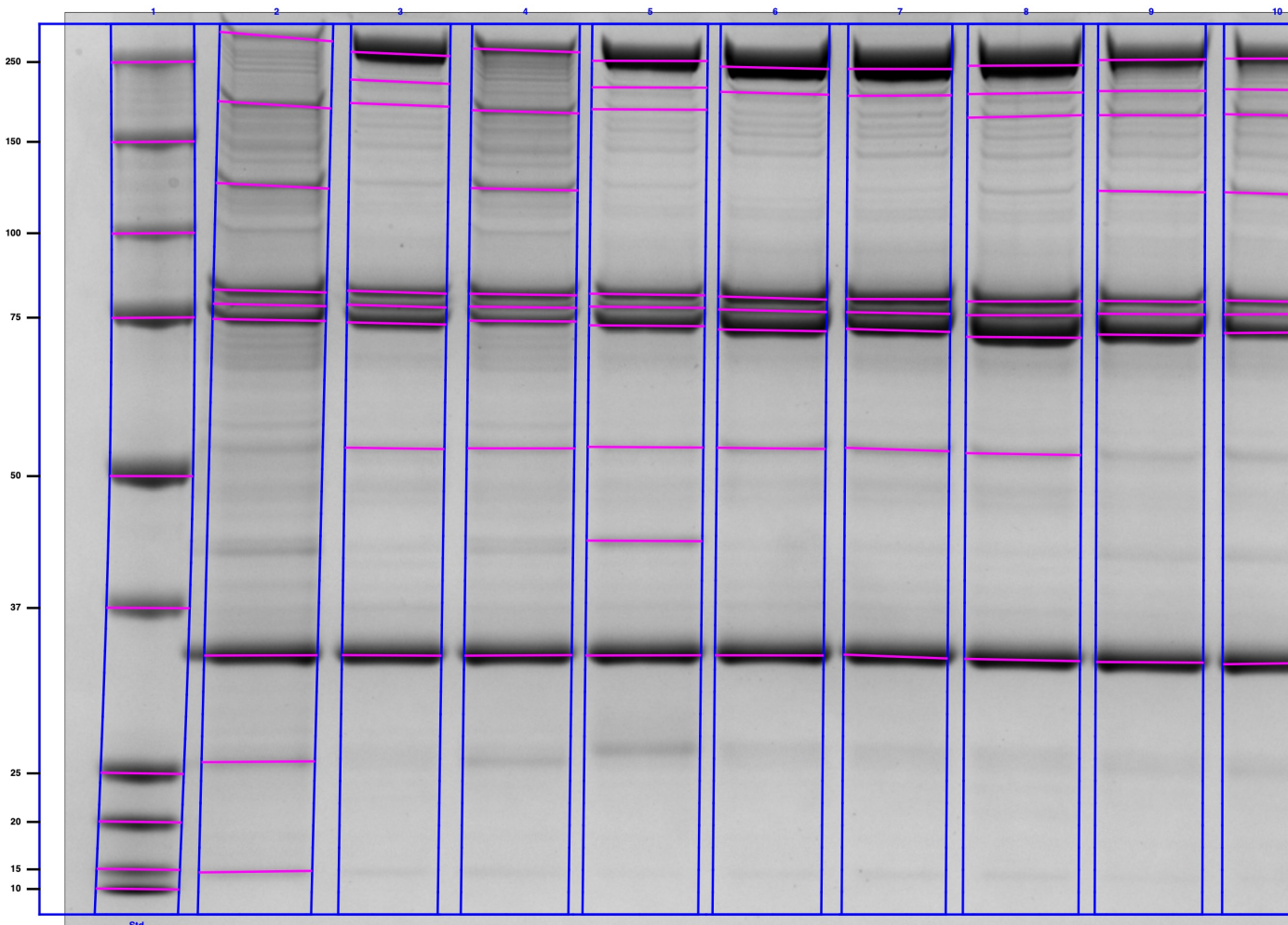


Image Report: linea1grey



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 2 /linea1grey.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	7.023 (Auto - Intense Bands)
Flat Field	Applied (White)
Serial Number	731BR02881
Software Version	5.2.1
Application	Coomassie Blue
Excitation Source	White Trans illumination
Emission Filter	Standard Filter

Image Information

Acquisition Date	2/8/2023 3:40:42 PM
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User Name	FisioLab
Image Area (mm)	X: 77.3 Y: 53.8
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	10812 - 58472

## Analysis Settings

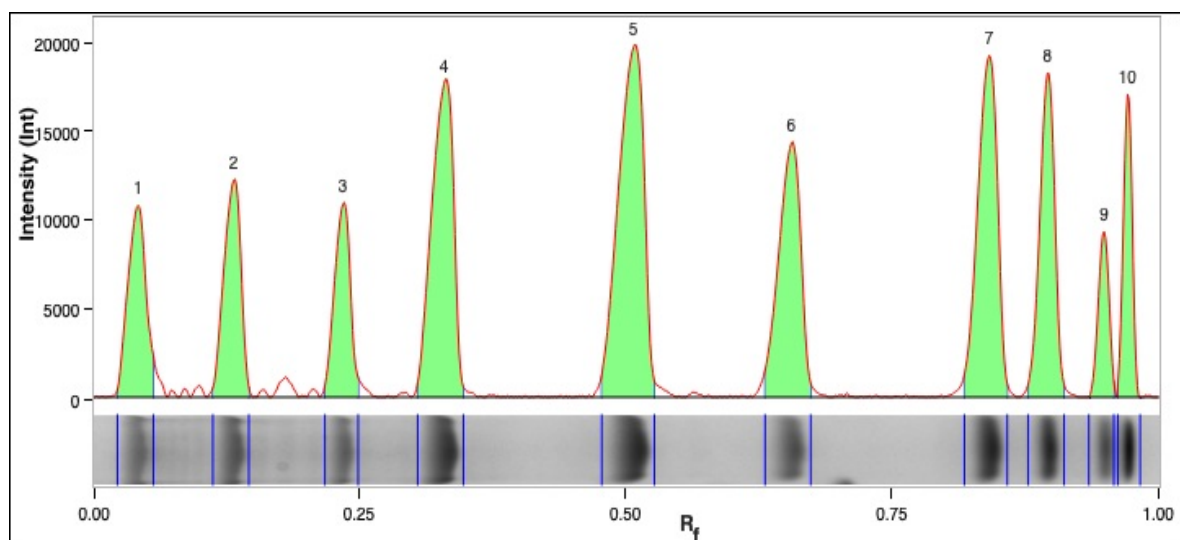
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus</p> <p>Standard lanes: first</p> <p>Regression method: Point to Point (semi-log)</p>

## Lane Statistics

Lane No.	Adj. Total Band Vol. (Int)	Total Band Vol. (Int)	Adj. Total Lane Vol. (Int)	Total Lane Vol. (Int)	Bkgd. Vol. (Int)	Norm. Factor
1	205.347.024	575.457.840	212.560.848	1.187.779.968	975.219.120	N/A
2	98.041.650	400.613.906	128.652.146	1.616.593.398	1.487.941.252	N/A
3	133.555.334	378.548.436	152.449.362	1.279.313.812	1.126.864.450	N/A
4	106.609.434	398.606.370	127.620.738	1.445.240.553	1.317.619.815	N/A
5	159.393.300	467.106.400	182.290.900	1.475.264.700	1.292.973.800	N/A
6	178.372.426	480.626.512	199.072.448	1.442.498.244	1.243.425.796	N/A
7	170.526.510	480.959.370	192.582.900	1.409.660.370	1.217.077.470	N/A
8	188.882.700	536.804.100	211.015.100	1.538.298.600	1.327.283.500	N/A
9	154.903.869	467.294.310	171.215.139	1.394.276.925	1.223.061.786	N/A
10	131.415.138	404.577.714	148.142.583	1.330.752.066	1.182.609.483	N/A

## Lane And Band Analysis

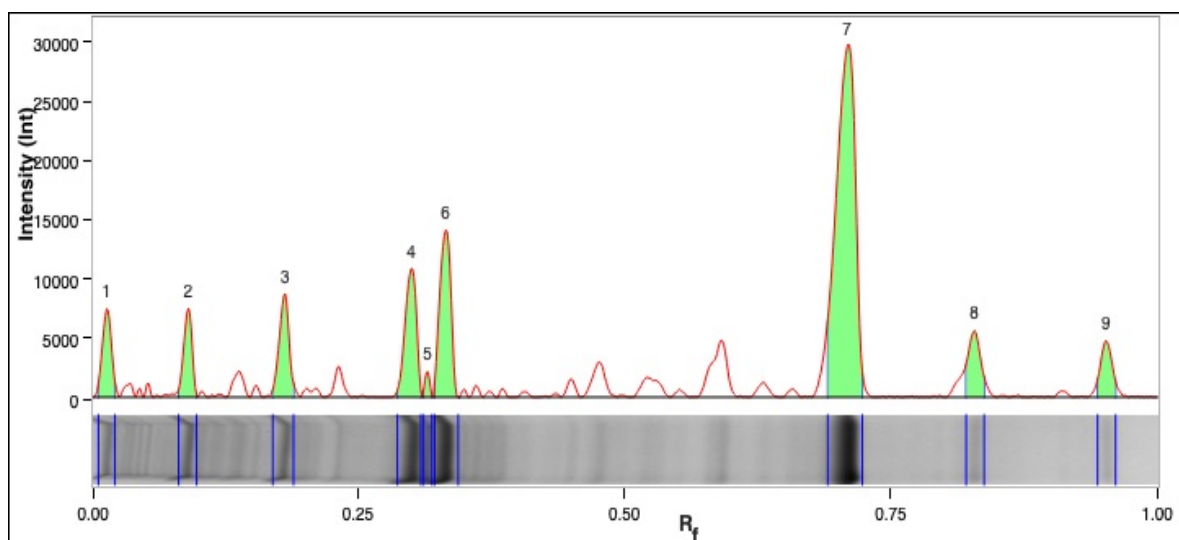
### Lane 1 - Bio-Rad Precision Plus



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,043	14.897.808	50.477.616	N/A	N/A	7,3	7,0
2		150,0	0,132	15.908.040	54.822.816	N/A	N/A	7,7	7,5
3		100,0	0,235	13.228.704	47.325.384	N/A	N/A	6,4	6,2
4		75,0	0,330	29.718.576	74.917.368	N/A	N/A	14,5	14,0
5		50,0	0,508	38.572.848	85.194.720	N/A	N/A	18,8	18,1
6		37,0	0,656	23.968.728	63.438.192	N/A	N/A	11,7	11,3
7		25,0	0,842	28.917.072	68.990.544	N/A	N/A	14,1	13,6
8		20,0	0,896	20.867.616	55.893.888	N/A	N/A	10,2	9,8
9		15,0	0,949	7.671.960	37.638.288	N/A	N/A	3,7	3,6
10		10,0	0,971	11.595.672	36.759.024	N/A	N/A	5,6	5,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	4.91 mm
Regression Equation	A single equation is not available for this method

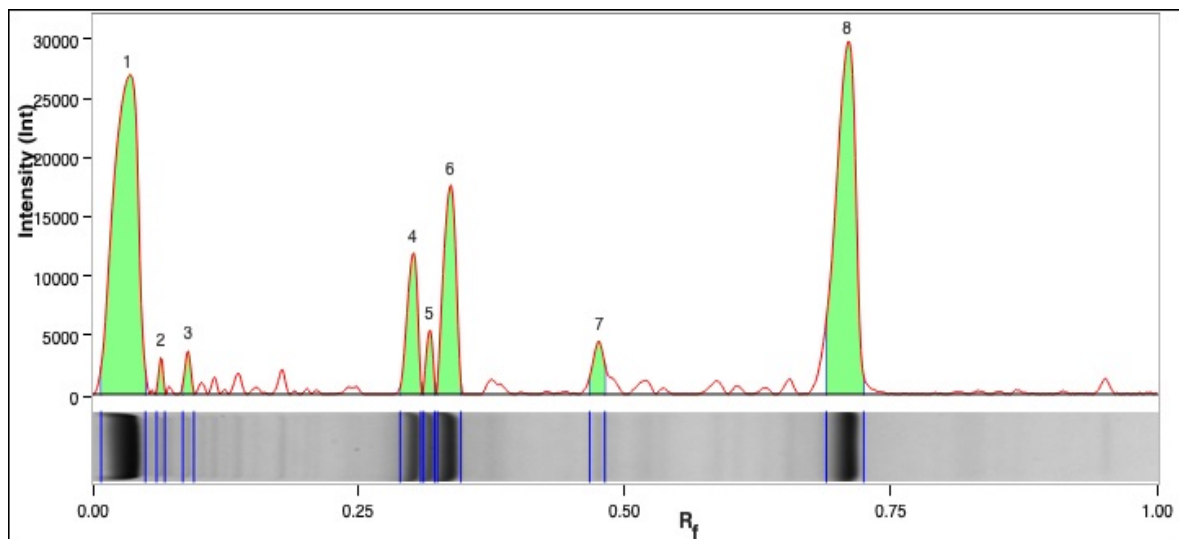
## Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,014	5.530.728	29.997.702	N/A	N/A	5,6	4,3
2		190,1	0,091	5.224.576	38.386.208	N/A	N/A	5,3	4,1
3		123,4	0,182	7.107.744	42.751.030	N/A	N/A	7,2	5,5
4		82,1	0,300	10.189.648	59.103.408	N/A	N/A	10,4	7,9
5		78,3	0,316	816.438	20.343.232	N/A	N/A	0,8	0,6
6		74,6	0,332	13.099.170	63.499.002	N/A	N/A	13,4	10,2
7		33,1	0,709	46.123.308	93.627.044	N/A	N/A	47,0	35,9
8		25,7	0,829	5.527.984	28.409.024	N/A	N/A	5,6	4,3
9		14,3	0,952	4.422.054	24.497.256	N/A	N/A	4,5	3,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.69 mm
Regression Equation	A single equation is not available for this method

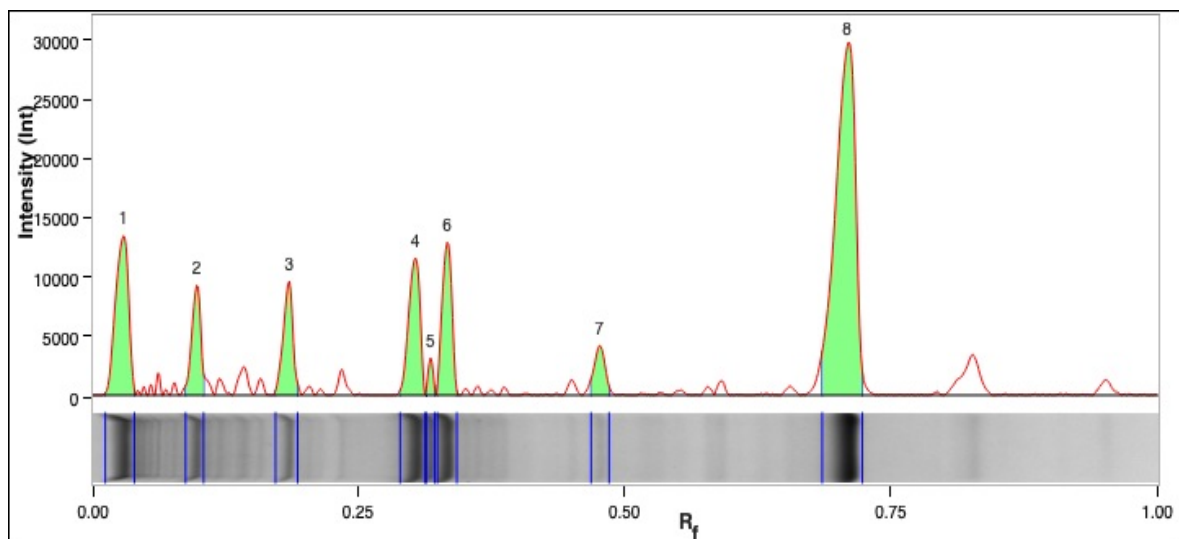
### Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,034	51.834.006	108.384.940	N/A	N/A	38,8	34,0
2		220,4	0,065	1.091.942	13.402.584	N/A	N/A	0,8	0,7
3		190,1	0,091	1.706.068	16.068.670	N/A	N/A	1,3	1,1
4		81,8	0,301	9.809.848	45.651.638	N/A	N/A	7,3	6,4
5		78,0	0,317	2.825.616	28.149.176	N/A	N/A	2,1	1,9
6		73,9	0,336	17.381.374	61.476.498	N/A	N/A	13,0	11,4
7		53,7	0,477	3.687.164	19.859.378	N/A	N/A	2,8	2,4
8		33,1	0,709	45.219.316	85.555.552	N/A	N/A	33,9	29,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.87 mm
Regression Equation	A single equation is not available for this method

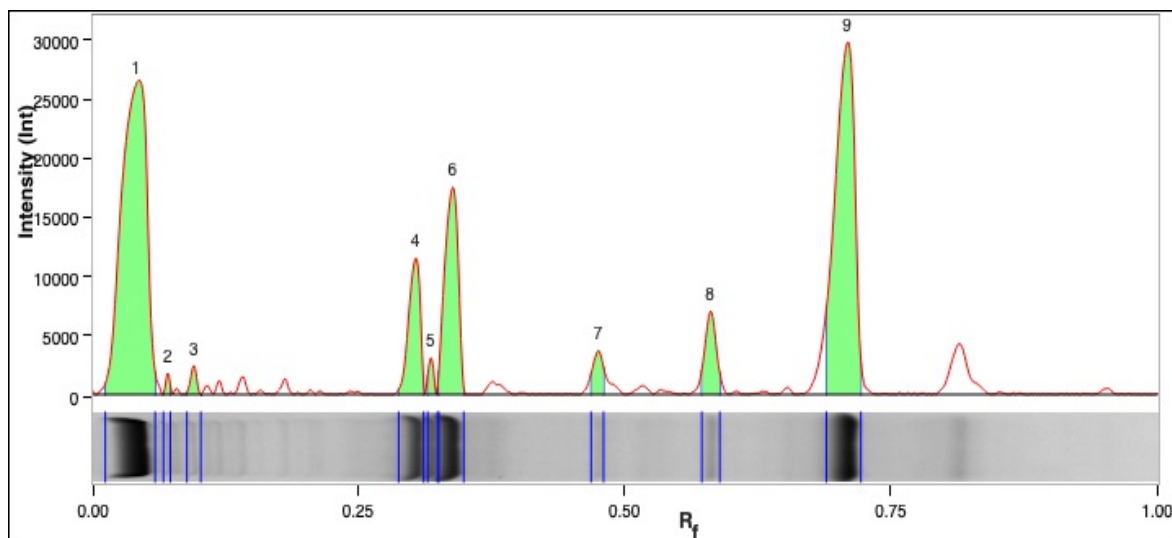
#### Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,030	14.931.894	62.401.512	N/A	N/A	14,0	11,7
2		181,8	0,099	7.194.573	40.291.506	N/A	N/A	6,7	5,6
3		121,5	0,186	7.930.575	41.689.296	N/A	N/A	7,4	6,2
4		81,2	0,304	11.154.141	58.580.700	N/A	N/A	10,5	8,7
5		77,7	0,318	1.328.691	21.993.105	N/A	N/A	1,2	1,0
6		74,3	0,334	10.695.930	50.166.990	N/A	N/A	10,0	8,4
7		53,7	0,477	3.776.265	25.704.921	N/A	N/A	3,5	3,0
8		33,1	0,709	49.597.365	97.778.340	N/A	N/A	46,5	38,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.35 mm
Regression Equation	A single equation is not available for this method

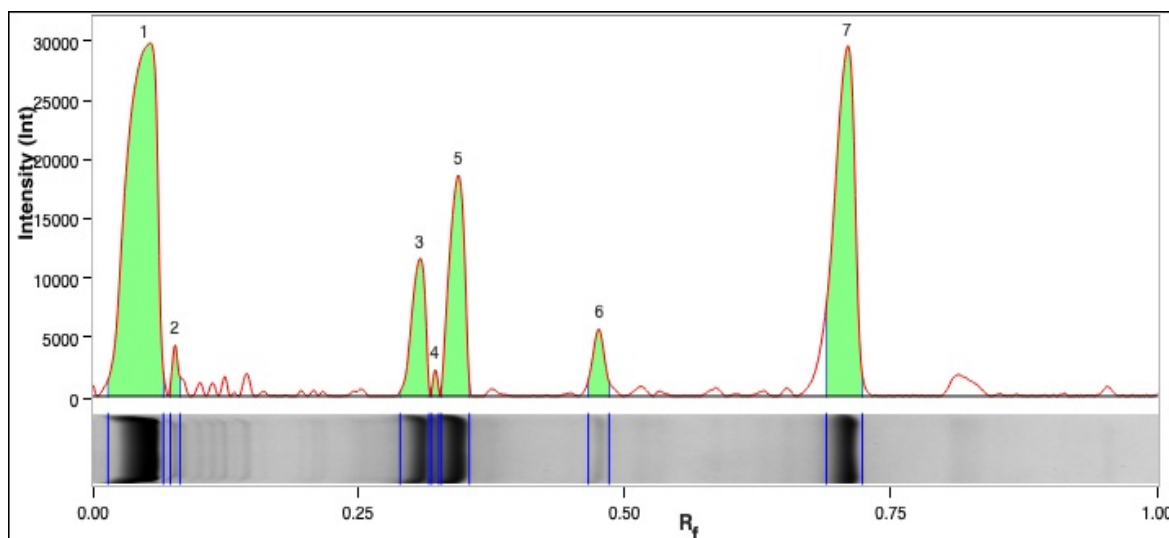
## Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,042	60.889.200	128.166.300	N/A	N/A	38,2	33,4
2		212,4	0,071	665.200	14.228.600	N/A	N/A	0,4	0,4
3		184,6	0,096	1.293.600	20.739.900	N/A	N/A	0,8	0,7
4		81,2	0,304	12.014.200	59.886.700	N/A	N/A	7,5	6,6
5		77,7	0,318	1.507.700	26.982.900	N/A	N/A	0,9	0,8
6		73,5	0,339	21.330.400	73.449.500	N/A	N/A	13,4	11,7
7		53,8	0,475	3.129.000	18.792.900	N/A	N/A	2,0	1,7
8		43,1	0,581	6.824.500	28.334.200	N/A	N/A	4,3	3,7
9		33,1	0,709	51.739.500	96.525.400	N/A	N/A	32,5	28,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.82 mm
Regression Equation	A single equation is not available for this method

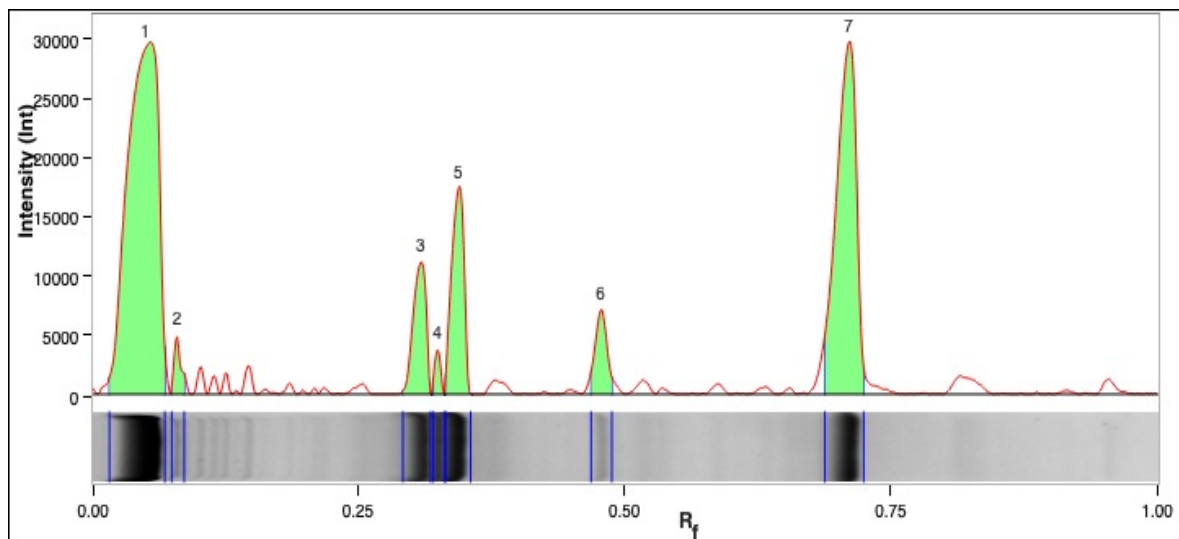
## Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		240,9	0,049	79.596.756	155.007.504	N/A	N/A	44,6	40,0
2		204,7	0,078	2.434.788	19.121.198	N/A	N/A	1,4	1,2
3		80,2	0,308	13.962.666	74.475.072	N/A	N/A	7,8	7,0
4		76,8	0,322	922.798	21.850.582	N/A	N/A	0,5	0,5
5		72,6	0,344	24.779.998	85.852.174	N/A	N/A	13,9	12,4
6		53,7	0,477	5.921.812	29.899.802	N/A	N/A	3,3	3,0
7		33,1	0,709	50.753.608	94.420.180	N/A	N/A	28,5	25,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.42 mm
Regression Equation	A single equation is not available for this method

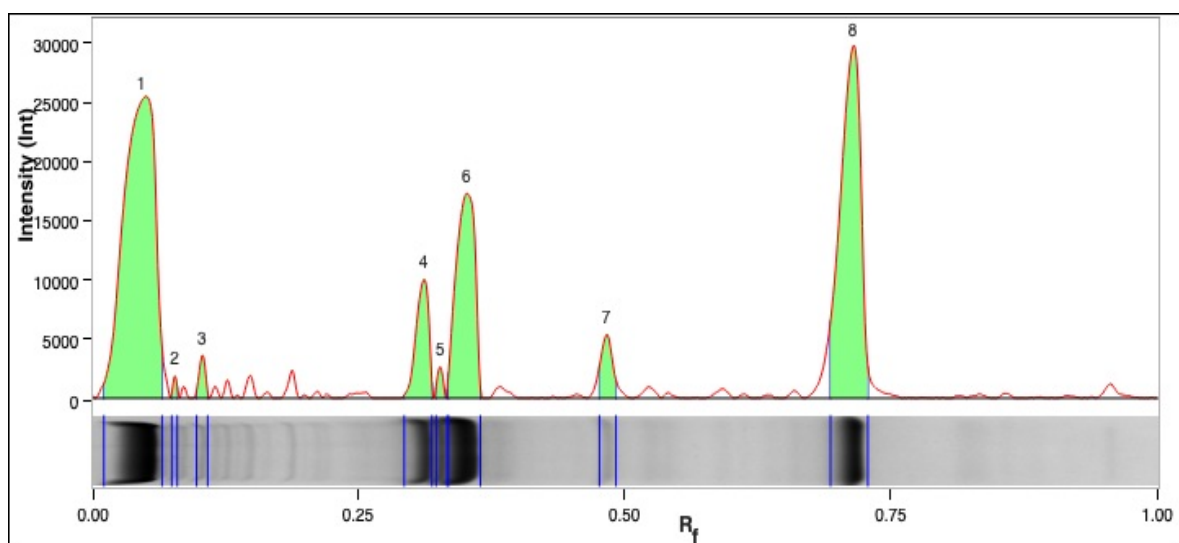
## Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		239,1	0,051	78.405.570	155.384.370	N/A	N/A	46,0	40,7
2		201,7	0,081	2.896.740	23.598.990	N/A	N/A	1,7	1,5
3		79,9	0,309	12.156.390	70.787.070	N/A	N/A	7,1	6,3
4		76,2	0,325	1.899.630	34.201.800	N/A	N/A	1,1	1,0
5		72,6	0,344	18.406.440	73.421.100	N/A	N/A	10,8	9,6
6		53,5	0,478	6.898.230	28.539.900	N/A	N/A	4,0	3,6
7		33,0	0,710	49.863.510	95.026.140	N/A	N/A	29,2	25,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.14 mm
Regression Equation	A single equation is not available for this method

## Lane 8

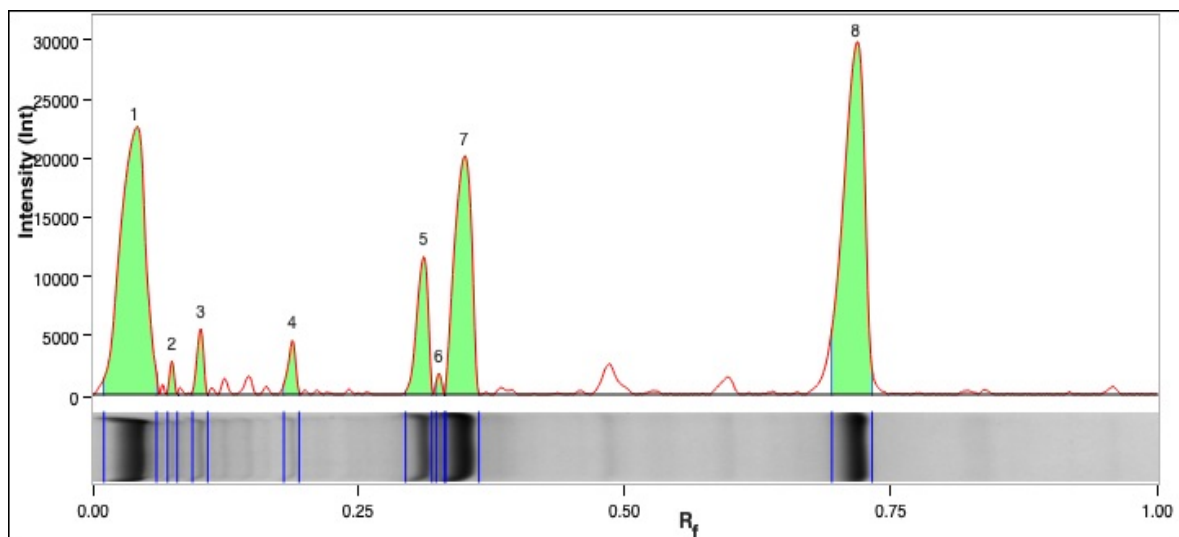




Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		244,5	0,047	77.802.500	162.693.500	N/A	N/A	41,2	36,9
2		204,7	0,078	727.100	13.533.200	N/A	N/A	0,4	0,3
3		176,5	0,104	2.213.600	19.422.300	N/A	N/A	1,2	1,0
4		79,3	0,312	12.216.100	71.927.200	N/A	N/A	6,5	5,8
5		75,6	0,327	1.528.000	35.677.600	N/A	N/A	0,8	0,7
6		71,3	0,352	31.690.700	107.216.500	N/A	N/A	16,8	15,0
7		52,9	0,483	5.332.000	24.363.900	N/A	N/A	2,8	2,5
8		32,7	0,714	57.372.700	101.969.900	N/A	N/A	30,4	27,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.82 mm
Regression Equation	A single equation is not available for this method

## Lane 9

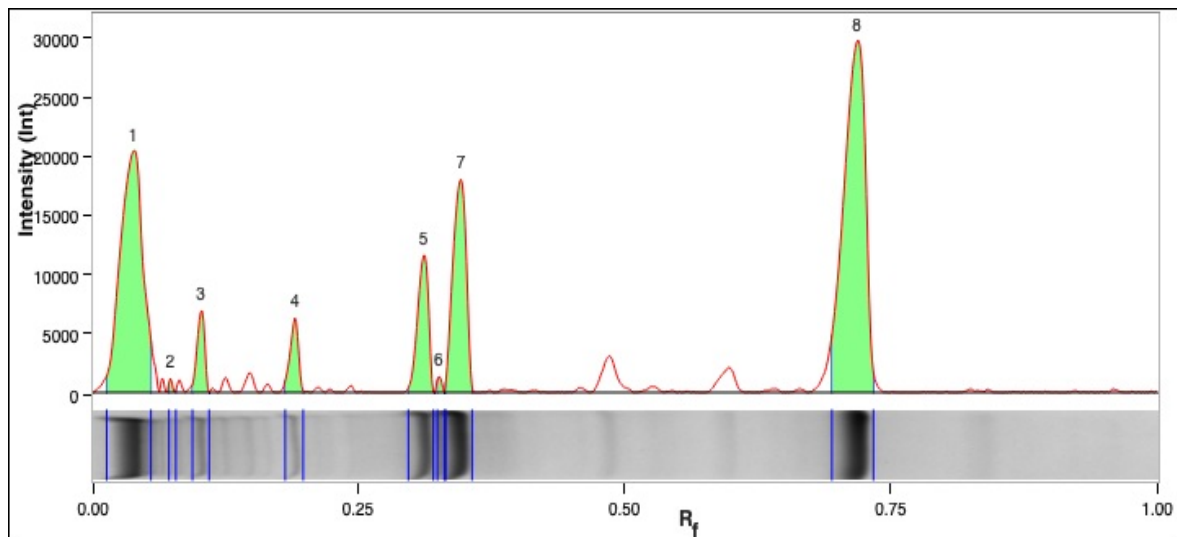


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,040	49.859.346	123.865.584	N/A	N/A	32,2	29,1
2		207,8	0,075	1.171.800	19.158.837	N/A	N/A	0,8	0,7
3		177,8	0,103	3.237.051	25.268.565	N/A	N/A	2,1	1,9
4		120,3	0,188	3.052.353	21.136.017	N/A	N/A	2,0	1,8
5		79,3	0,312	11.602.122	58.025.211	N/A	N/A	7,5	6,8
6		75,9	0,326	878.292	25.503.111	N/A	N/A	0,6	0,5
7		71,7	0,349	30.272.244	93.209.064	N/A	N/A	19,5	17,7
8		32,5	0,717	54.830.661	101.127.921	N/A	N/A	35,4	32,0

Band Detection	Automatically detected bands with sensitivity: Low
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Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.35 mm
Regression Equation	A single equation is not available for this method

## Lane 10



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,039	38.308.467	98.470.446	N/A	N/A	29,2	25,9
2		209,3	0,074	394.599	13.580.790	N/A	N/A	0,3	0,3
3		177,8	0,103	4.408.665	27.924.645	N/A	N/A	3,4	3,0
4		119,1	0,191	4.353.888	25.392.534	N/A	N/A	3,3	2,9
5		79,3	0,312	10.527.972	52.189.740	N/A	N/A	8,0	7,1
6		75,9	0,326	571.020	20.392.575	N/A	N/A	0,4	0,4
7		72,2	0,347	19.859.499	66.480.492	N/A	N/A	15,1	13,4
8		32,4	0,718	52.991.028	100.146.492	N/A	N/A	40,3	35,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.35 mm
Regression Equation	A single equation is not available for this method