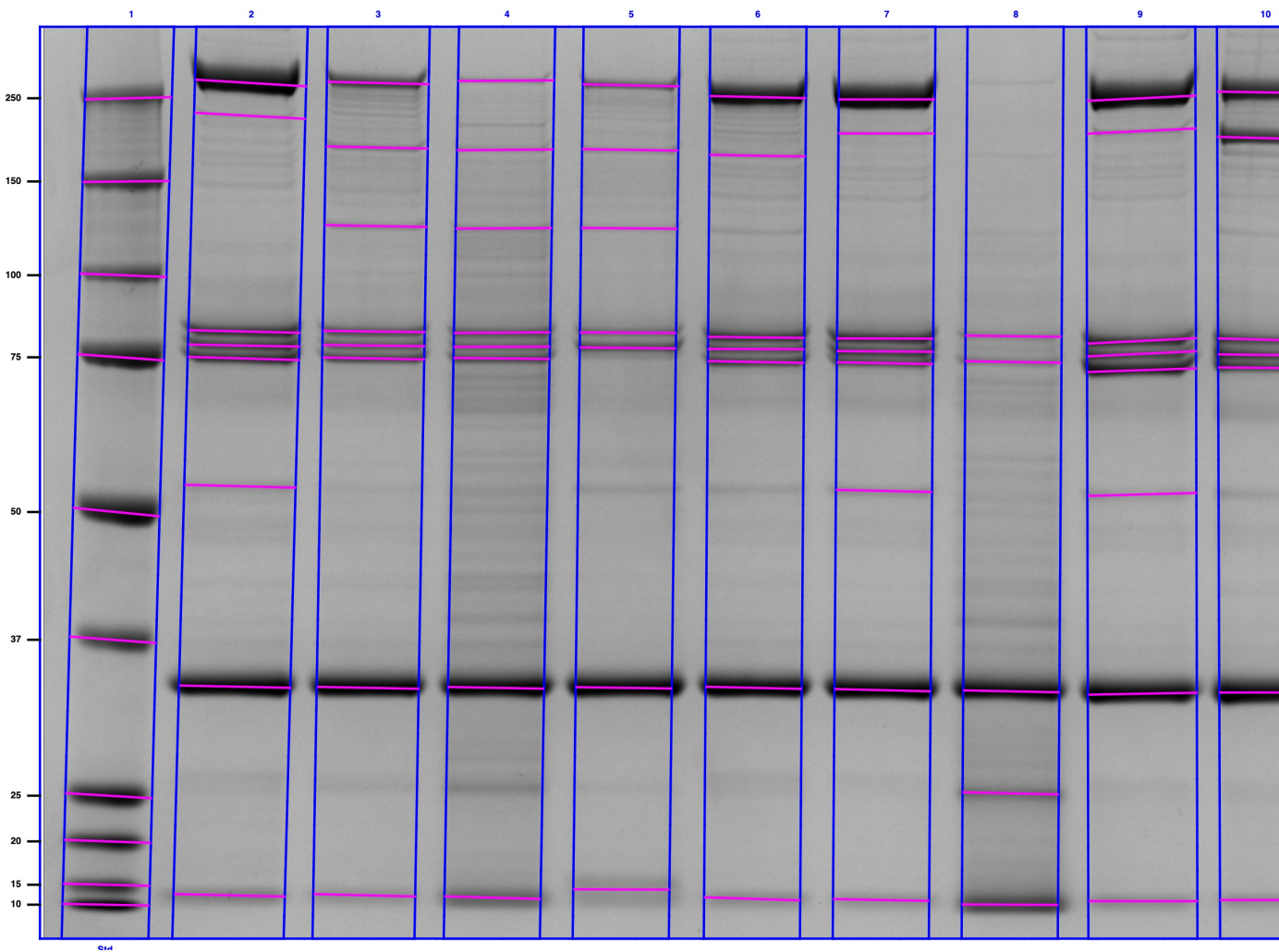


Image Report: polline 2 linea 3settimana



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 3/polline 2 linea 3settimana.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	8.983 (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	4/8/2023 12:48:54 PM
User Name	FisioLab
Image Area (mm)	X: 76.2 Y: 53.1
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	13359 - 56251

## Analysis Settings

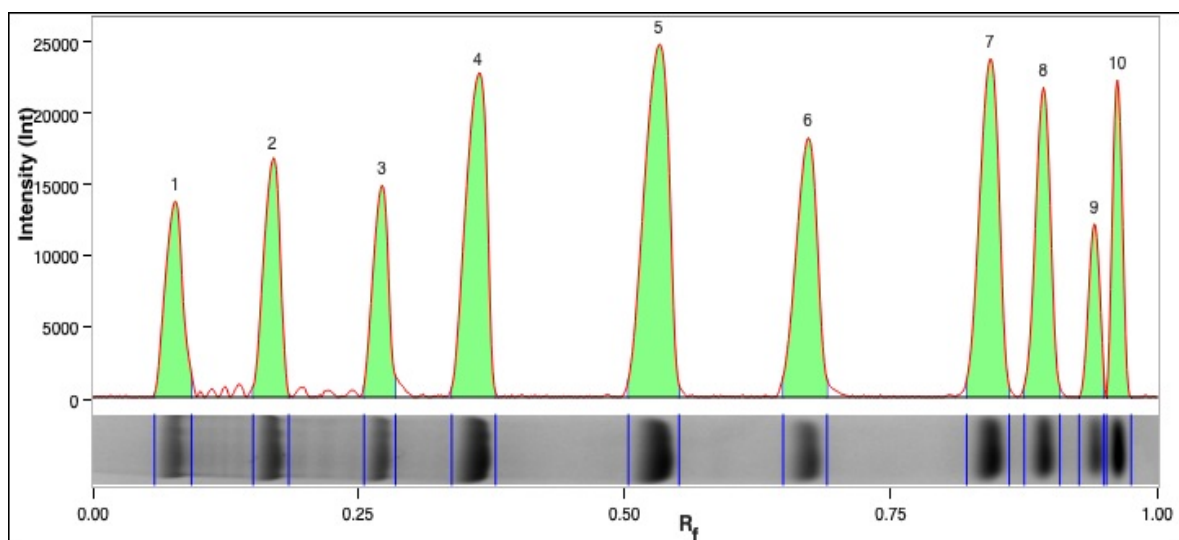
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight 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	215.237.140	641.763.816	220.457.618	1.362.264.816	1.141.807.198	N/A
2	146.716.860	417.455.840	163.698.965	1.570.783.390	1.407.084.425	N/A
3	89.860.125	296.099.976	106.361.589	1.396.035.582	1.289.673.993	N/A
4	77.197.506	274.540.346	105.197.144	1.440.694.162	1.335.497.018	N/A
5	72.461.842	275.225.374	84.185.464	1.321.859.516	1.237.674.052	N/A
6	108.821.298	325.730.240	125.404.322	1.370.064.528	1.244.660.206	N/A
7	122.611.402	366.044.556	133.883.532	1.328.595.242	1.194.711.710	N/A
8	78.836.030	230.723.236	104.233.972	1.357.622.258	1.253.388.286	N/A
9	142.219.041	419.446.461	153.071.397	1.513.068.801	1.359.997.404	N/A
10	120.738.112	358.450.372	135.519.104	1.330.420.480	1.194.901.376	N/A

## Lane And Band Analysis

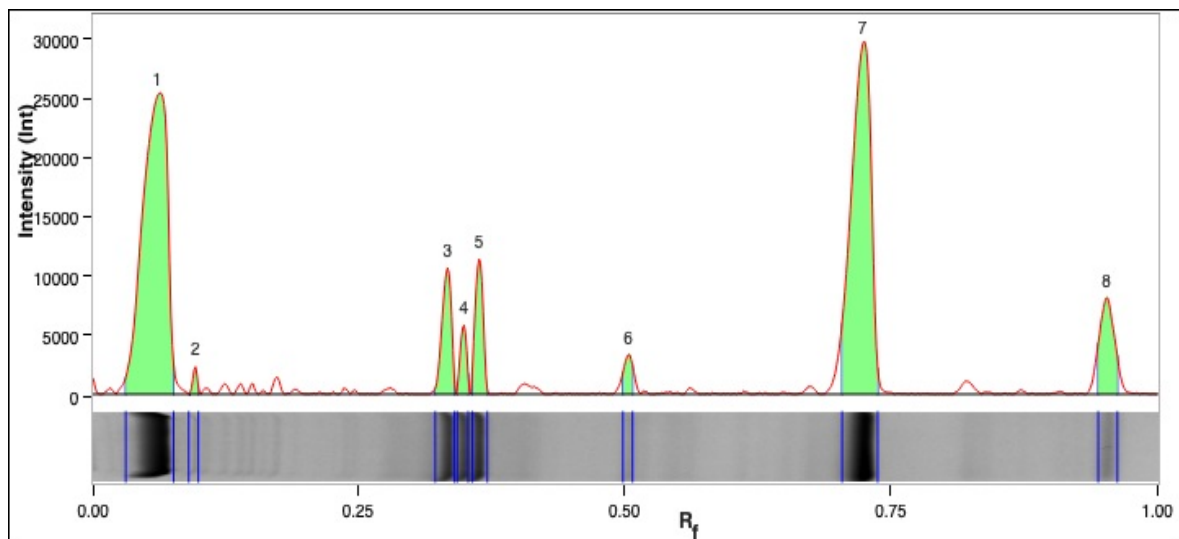
### Lane 1 - Bio-Rad Precision Plus



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,078	15.289.362	59.246.990	N/A	N/A	7,1	6,9
2		150,0	0,170	17.608.078	62.365.868	N/A	N/A	8,2	8,0
3		100,0	0,272	14.622.474	52.884.396	N/A	N/A	6,8	6,6
4		75,0	0,362	30.632.596	82.057.934	N/A	N/A	14,2	13,9
5		50,0	0,532	39.205.792	92.994.172	N/A	N/A	18,2	17,8
6		37,0	0,672	24.463.586	68.358.388	N/A	N/A	11,4	11,1
7		25,0	0,843	29.560.114	75.017.056	N/A	N/A	13,7	13,4
8		20,0	0,893	20.916.840	60.725.140	N/A	N/A	9,7	9,5
9		15,0	0,941	8.785.576	41.868.460	N/A	N/A	4,1	4,0
10		10,0	0,963	14.152.722	46.245.412	N/A	N/A	6,6	6,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.05 mm
Regression Equation	A single equation is not available for this method

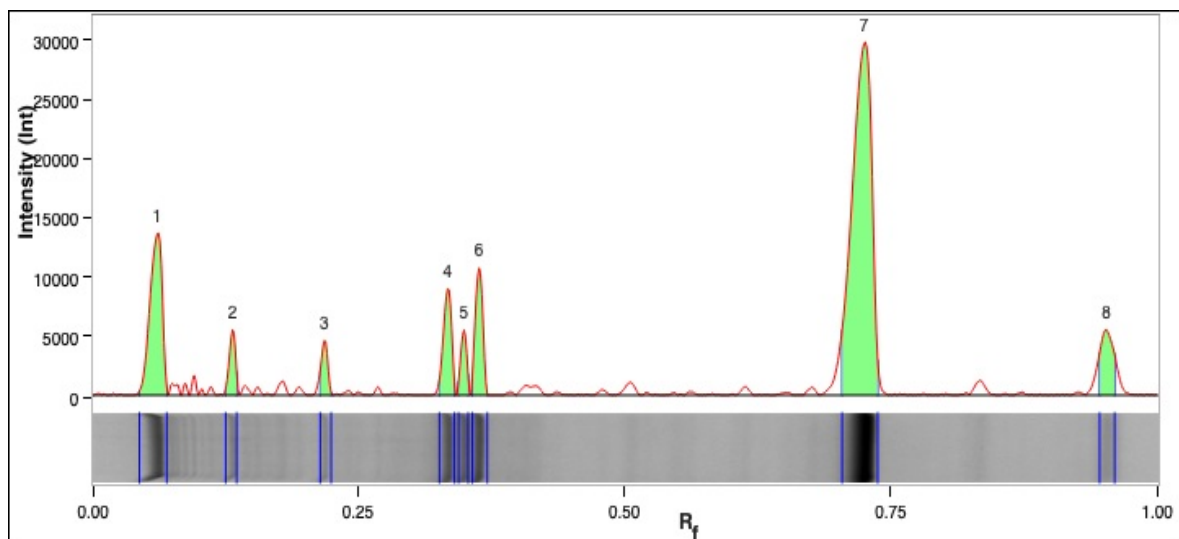
## Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,062	58.870.170	125.536.610	N/A	N/A	40,1	36,0
2		224,4	0,098	932.425	17.831.120	N/A	N/A	0,6	0,6
3		82,1	0,334	9.264.590	47.246.350	N/A	N/A	6,3	5,7
4		78,1	0,350	3.495.620	31.373.085	N/A	N/A	2,4	2,1
5		74,8	0,364	8.536.795	43.032.910	N/A	N/A	5,8	5,2
6		53,5	0,504	2.428.010	16.734.725	N/A	N/A	1,7	1,5
7		32,9	0,724	53.375.940	101.461.520	N/A	N/A	36,4	32,6
8		12,1	0,952	9.813.310	34.239.520	N/A	N/A	6,7	6,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.48 mm
Regression Equation	A single equation is not available for this method

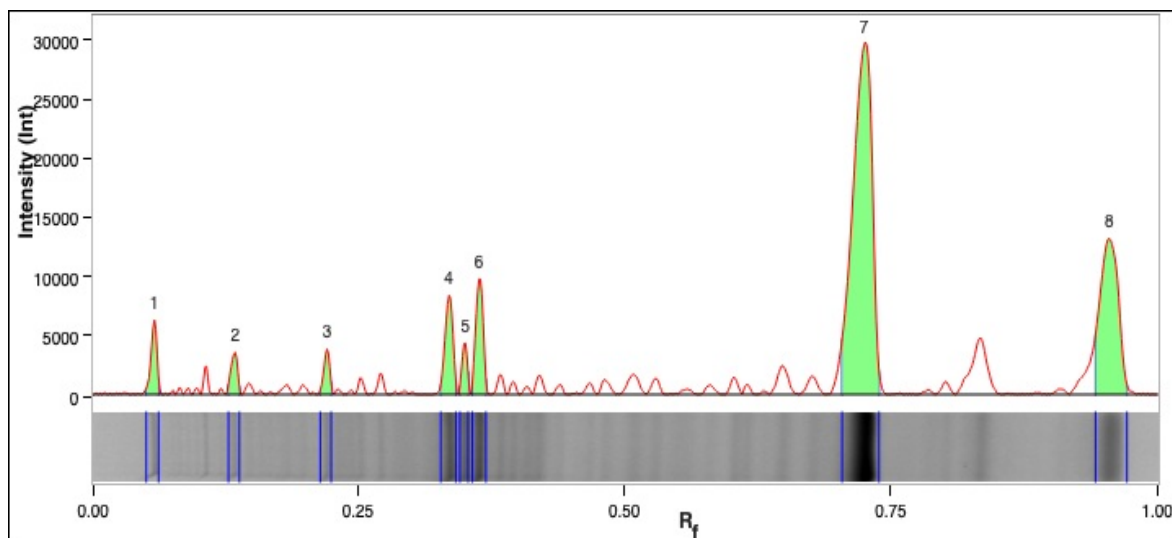
### Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,062	14.303.496	55.104.234	N/A	N/A	15,9	13,4
2		184,8	0,132	2.973.747	20.655.018	N/A	N/A	3,3	2,8
3		123,7	0,219	2.287.230	15.713.766	N/A	N/A	2,5	2,2
4		82,1	0,334	6.185.613	30.435.993	N/A	N/A	6,9	5,8
5		78,1	0,350	2.832.807	22.149.243	N/A	N/A	3,2	2,7
6		74,8	0,364	6.959.652	34.872.036	N/A	N/A	7,7	6,5
7		32,8	0,725	48.846.063	93.964.698	N/A	N/A	54,4	45,9
8		12,1	0,952	5.471.517	23.204.988	N/A	N/A	6,1	5,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.94 mm
Regression Equation	A single equation is not available for this method

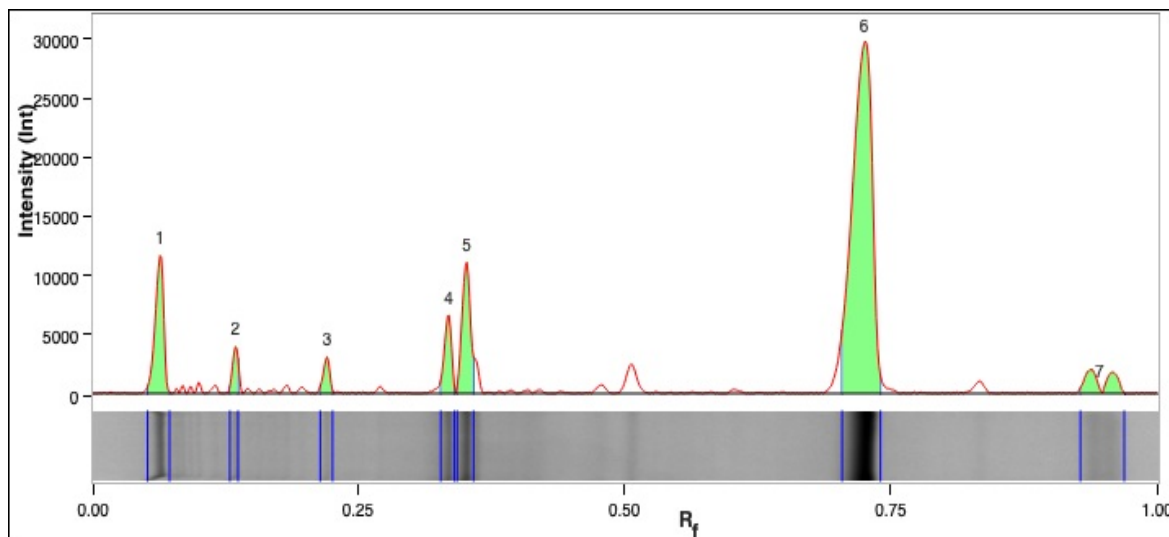
#### Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,059	2.772.666	18.897.146	N/A	N/A	3,6	2,6
2		182,2	0,135	1.754.882	16.368.922	N/A	N/A	2,3	1,7
3		122,5	0,221	1.657.138	17.436.398	N/A	N/A	2,1	1,6
4		81,8	0,335	4.838.328	28.849.076	N/A	N/A	6,3	4,6
5		77,8	0,351	1.716.424	18.106.502	N/A	N/A	2,2	1,6
6		74,8	0,364	5.440.454	31.411.658	N/A	N/A	7,0	5,2
7		32,8	0,725	41.762.354	91.990.470	N/A	N/A	54,1	39,7
8		11,5	0,955	17.255.260	51.480.174	N/A	N/A	22,4	16,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

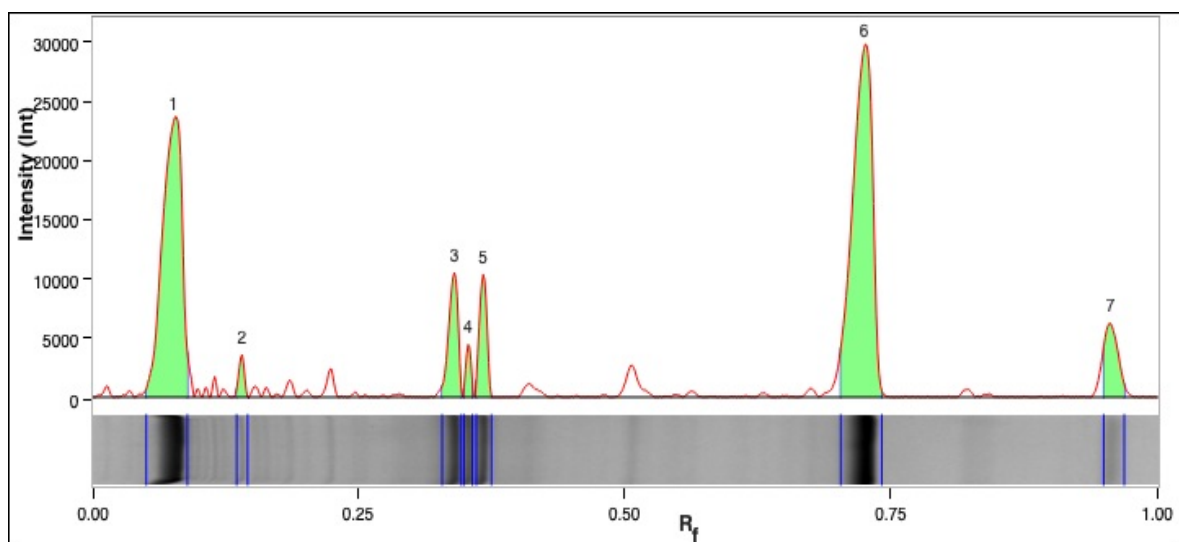
## Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,064	7.827.392	34.172.270	N/A	N/A	10,8	9,3
2		182,2	0,135	1.803.590	13.221.352	N/A	N/A	2,5	2,1
3		122,5	0,221	1.572.514	17.536.438	N/A	N/A	2,2	1,9
4		81,8	0,335	3.699.512	23.680.862	N/A	N/A	5,1	4,4
5		77,5	0,352	7.769.828	35.300.098	N/A	N/A	10,7	9,2
6		32,8	0,725	46.235.208	92.405.390	N/A	N/A	63,8	54,9
7		13,6	0,946	3.553.798	58.908.964	N/A	N/A	4,9	4,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

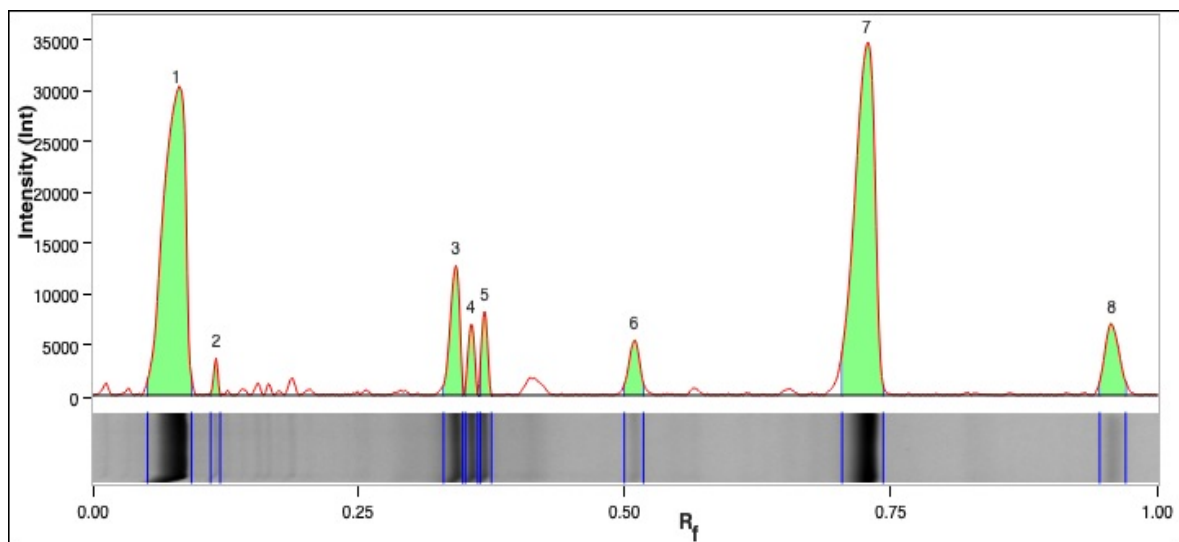
## Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,077	37.646.036	92.727.732	N/A	N/A	34,6	30,0
2		175,7	0,141	1.588.258	16.813.362	N/A	N/A	1,5	1,3
3		80,4	0,341	7.820.176	40.697.010	N/A	N/A	7,2	6,2
4		77,2	0,353	1.890.182	19.525.266	N/A	N/A	1,7	1,5
5		74,1	0,368	6.349.260	34.725.278	N/A	N/A	5,8	5,1
6		32,8	0,725	47.321.462	94.403.566	N/A	N/A	43,5	37,7
7		11,3	0,956	6.205.924	26.838.026	N/A	N/A	5,7	4,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

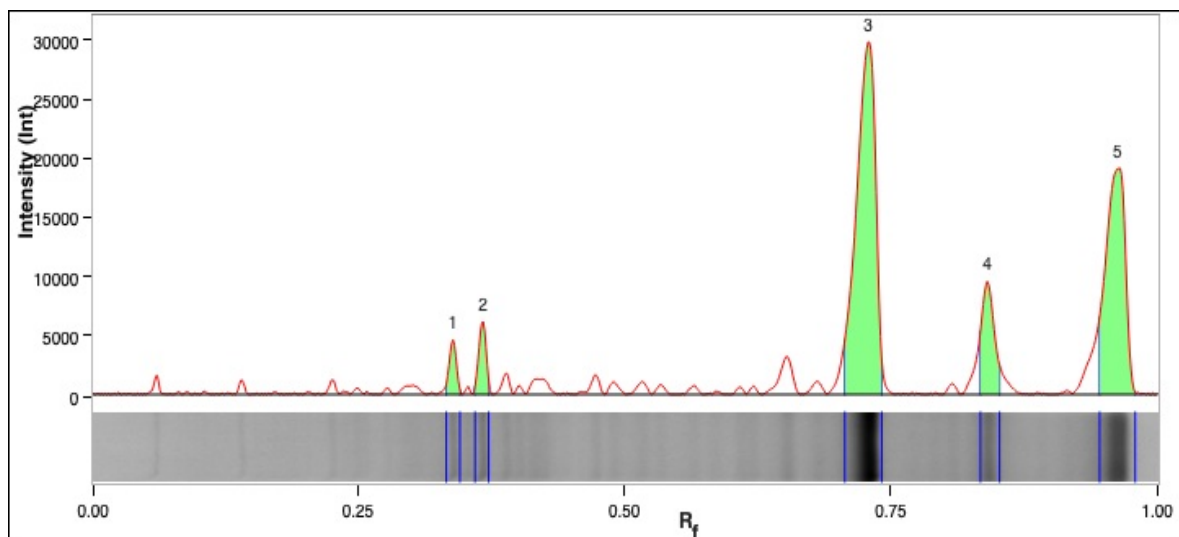
## Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		248,2	0,080	46.802.812	100.735.114	N/A	N/A	38,2	35,0
2		201,5	0,117	1.055.586	14.175.914	N/A	N/A	0,9	0,8
3		80,1	0,342	8.398.932	41.244.114	N/A	N/A	6,9	6,3
4		76,6	0,356	3.194.310	29.863.334	N/A	N/A	2,6	2,4
5		73,9	0,369	3.470.896	25.371.948	N/A	N/A	2,8	2,6
6		52,8	0,509	4.106.068	26.076.902	N/A	N/A	3,3	3,1
7		32,6	0,728	48.470.692	94.868.998	N/A	N/A	39,5	36,2
8		11,0	0,958	7.112.106	33.708.232	N/A	N/A	5,8	5,3

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

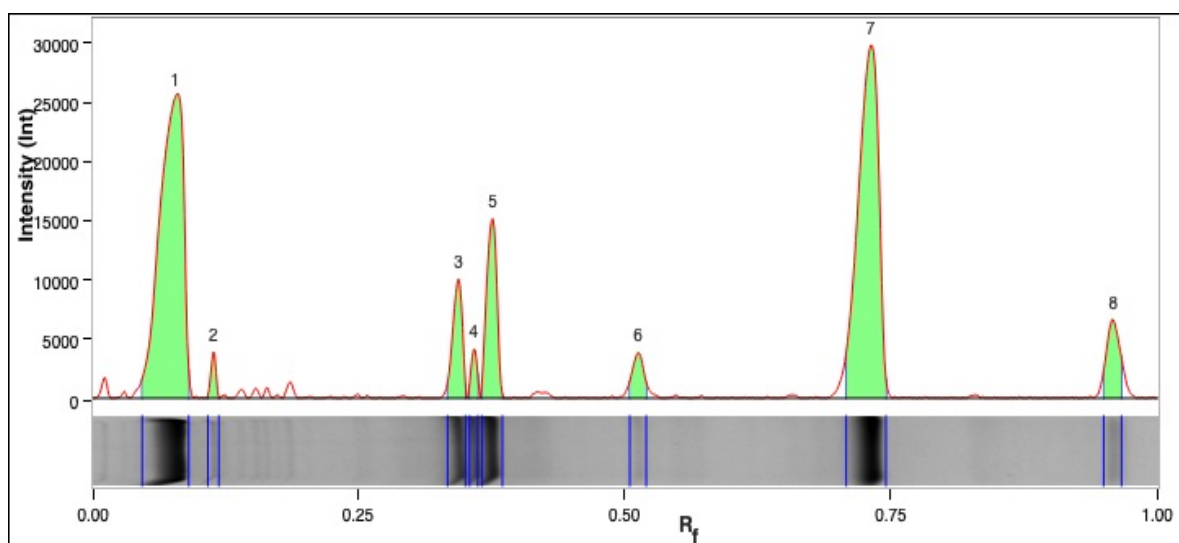
## Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		80,8	0,339	2.281.978	19.923.868	N/A	N/A	2,9	2,2
2		74,1	0,368	3.310.750	24.373.188	N/A	N/A	4,2	3,2
3		32,5	0,729	39.901.528	88.791.896	N/A	N/A	50,6	38,3
4		25,1	0,841	7.730.058	31.944.904	N/A	N/A	9,8	7,4
5		10,0	0,963	25.611.716	65.689.380	N/A	N/A	32,5	24,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method

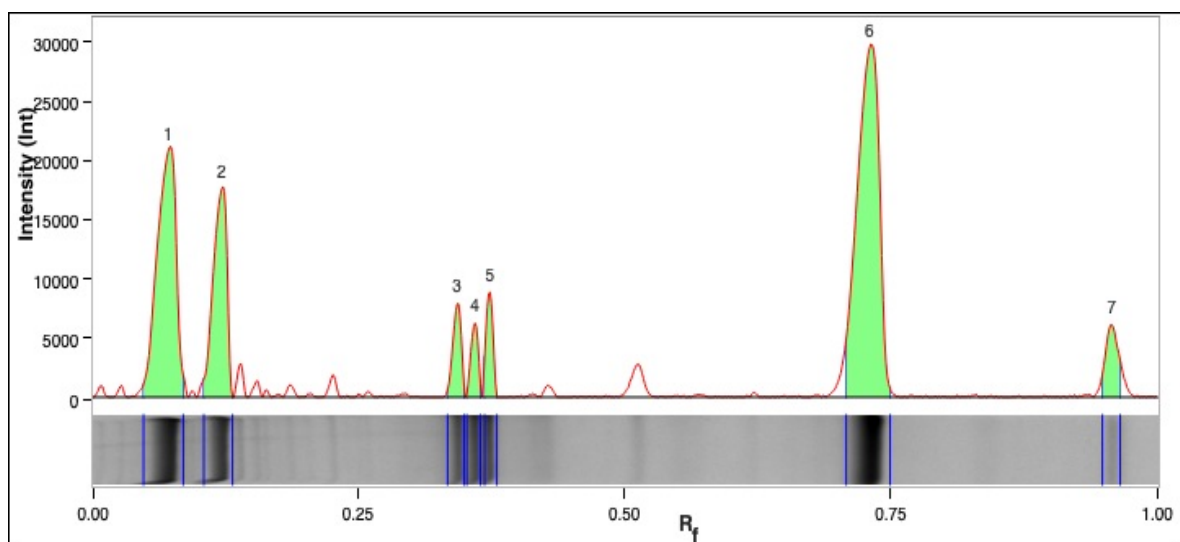
## Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,078	53.324.991	119.028.654	N/A	N/A	37,5	34,8
2		204,4	0,114	1.710.921	18.639.060	N/A	N/A	1,2	1,1
3		79,4	0,344	8.217.666	43.116.939	N/A	N/A	5,8	5,4
4		75,9	0,359	2.109.612	23.565.735	N/A	N/A	1,5	1,4
5		72,5	0,377	13.563.585	57.107.580	N/A	N/A	9,5	8,9
6		52,4	0,513	3.623.838	24.678.759	N/A	N/A	2,5	2,4
7		32,3	0,731	52.553.835	104.416.029	N/A	N/A	37,0	34,3
8		10,7	0,959	7.114.593	28.893.705	N/A	N/A	5,0	4,6

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 10



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,072	31.428.960	84.611.864	N/A	N/A	26,0	23,2
2		195,8	0,122	18.992.512	57.309.636	N/A	N/A	15,7	14,0
3		79,8	0,343	5.224.220	32.021.820	N/A	N/A	4,3	3,9
4		75,6	0,360	3.644.162	32.191.232	N/A	N/A	3,0	2,7
5		73,0	0,374	4.851.694	28.918.776	N/A	N/A	4,0	3,6
6		32,4	0,730	50.785.634	98.562.606	N/A	N/A	42,1	37,5
7		11,0	0,958	5.810.930	24.834.438	N/A	N/A	4,8	4,3

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.60 mm
Regression Equation	A single equation is not available for this method