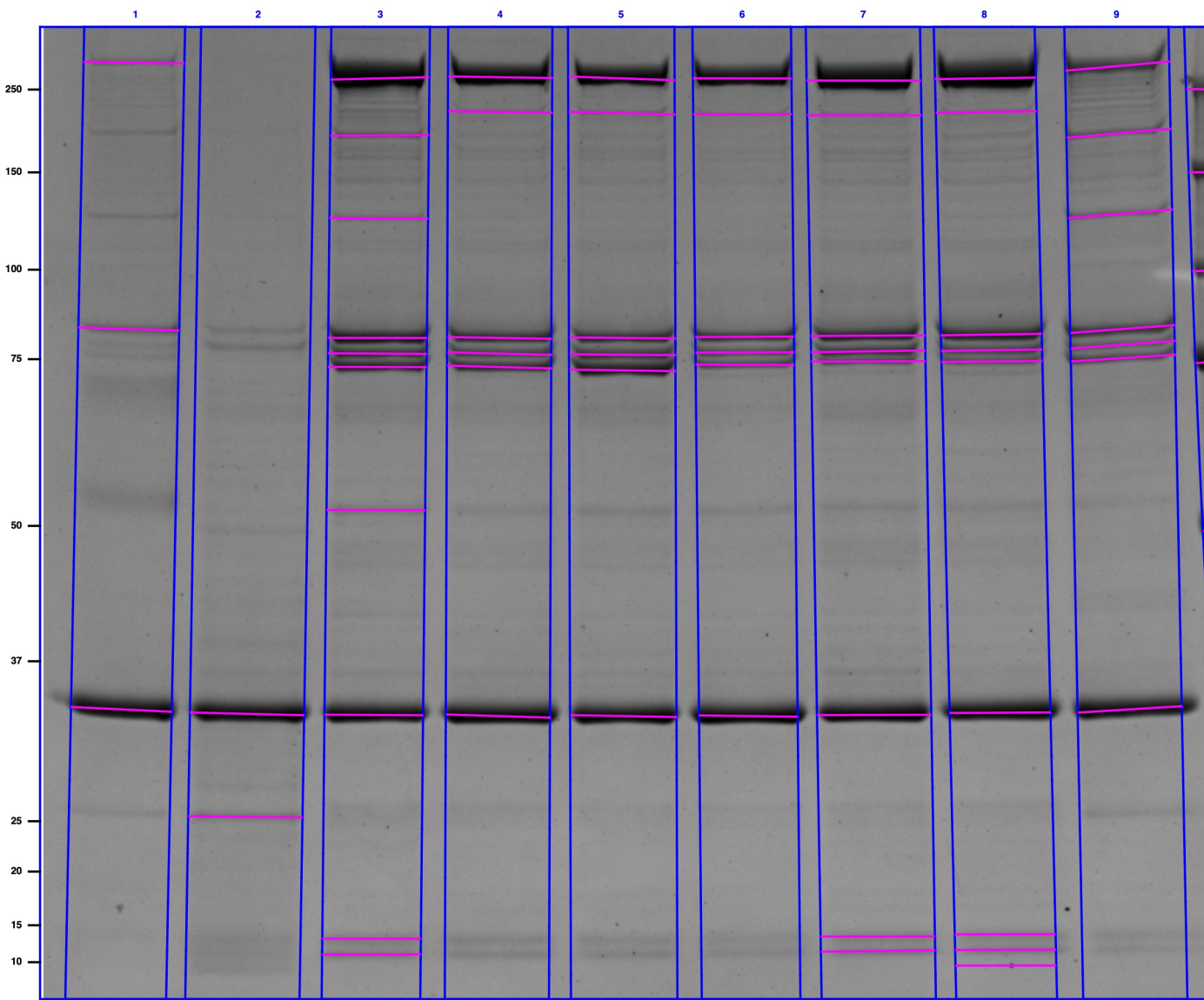


Image Report: polline 6settimana linea1



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 6/polline 6settimana  
linea1.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	9.247 (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	15/9/2023 12:21:04 PM
User Name	FisioLab
Image Area (mm)	X: 78.2 Y: 59.2
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	18859 - 56926

## Analysis Settings

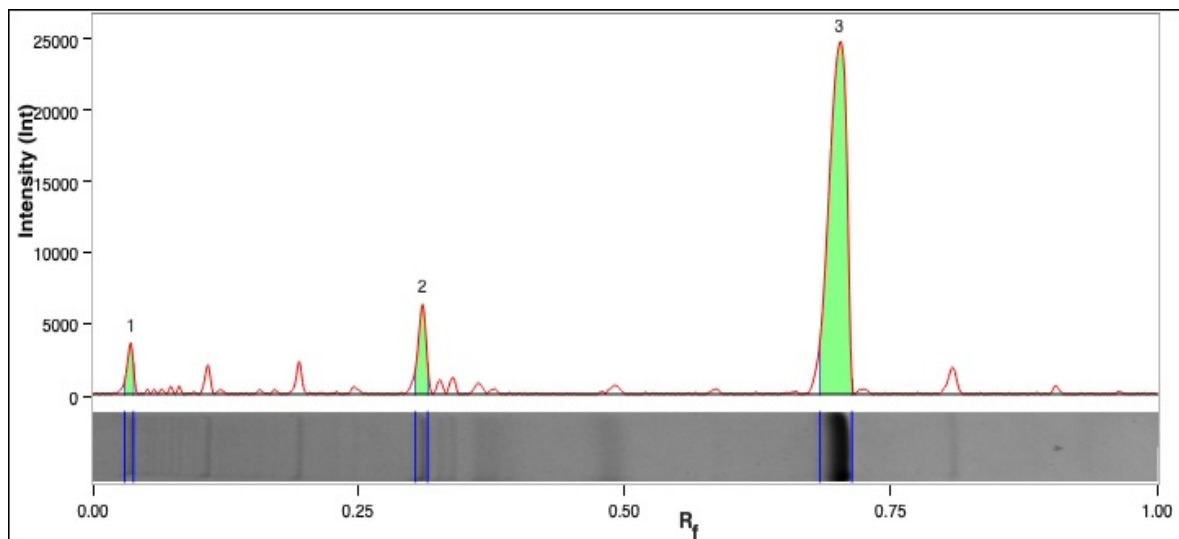
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus</p> <p>Standard lanes: last</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	44.300.070	153.969.660	56.744.190	2.071.704.420	2.014.960.230	N/A
2	42.642.324	135.439.068	61.420.422	2.353.914.486	2.292.494.064	N/A
3	113.843.224	493.684.136	128.905.128	2.122.078.112	1.993.172.984	N/A
4	96.169.068	364.534.146	114.490.533	2.189.207.817	2.074.717.284	N/A
5	93.949.015	379.914.595	109.414.730	2.238.596.055	2.129.181.325	N/A
6	87.527.792	335.669.840	99.813.648	2.038.342.504	1.938.528.856	N/A
7	107.128.968	447.605.580	125.096.064	2.383.601.892	2.258.505.828	N/A
8	106.834.410	422.677.530	125.679.330	2.113.121.340	1.987.442.010	N/A
9	72.292.062	343.738.788	90.513.366	2.128.547.730	2.038.034.364	N/A
10	244.788.600	841.515.600	251.126.550	1.961.163.450	1.710.036.900	N/A

## Lane And Band Analysis

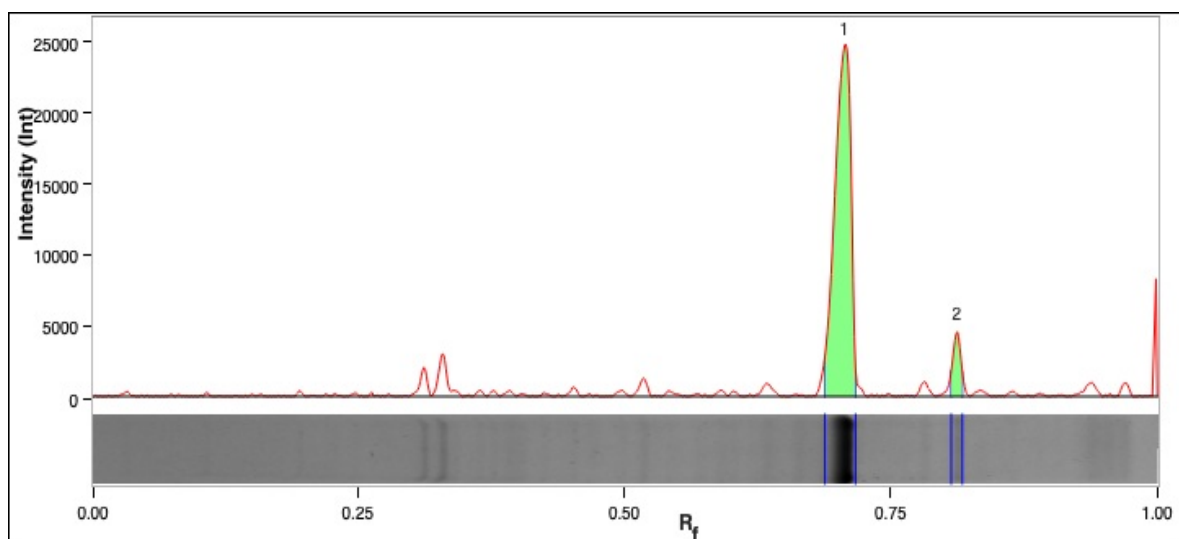
### Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,037	1.925.460	24.893.460	N/A	N/A	4,3	3,4
2		82,6	0,311	4.227.480	30.960.540	N/A	N/A	9,5	7,5
3		32,9	0,702	38.147.130	98.115.660	N/A	N/A	86,1	67,2

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 2

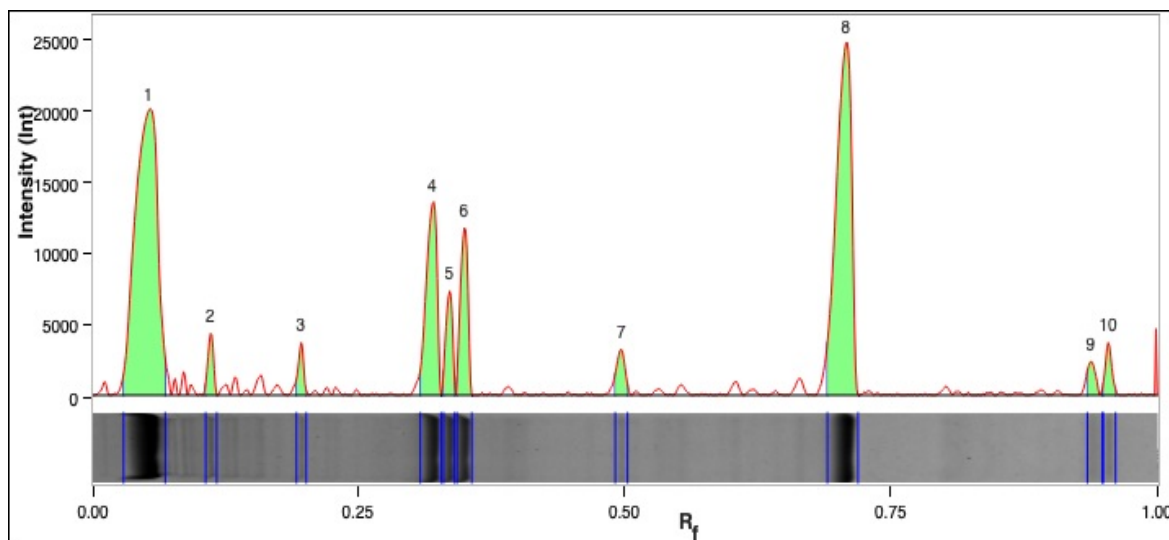


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		32,5	0,707	39.319.470	107.616.426	N/A	N/A	92,2	64,0

2		25,3	0,812	3.322.854	27.822.642	N/A	N/A	7,8	5,4
---	--	------	-------	-----------	------------	-----	-----	-----	-----

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.96 mm
Regression Equation	A single equation is not available for this method

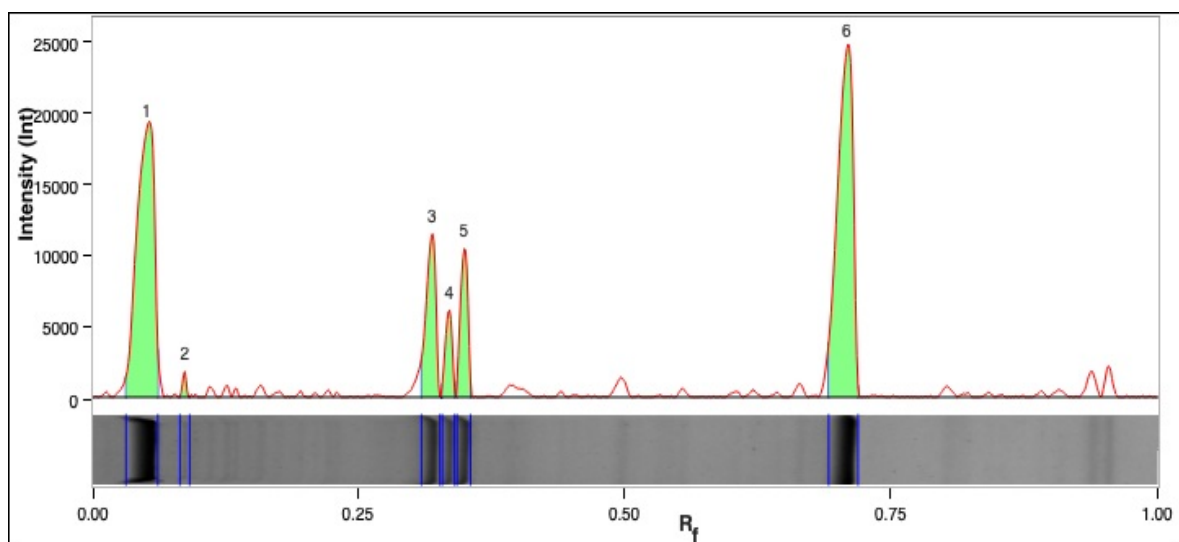
### Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,053	42.408.520	134.738.120	N/A	N/A	37,3	32,9
2		188,4	0,112	2.205.632	25.645.136	N/A	N/A	1,9	1,7
3		123,9	0,197	1.817.112	23.717.320	N/A	N/A	1,6	1,4
4		80,3	0,320	13.373.360	60.980.392	N/A	N/A	11,7	10,4
5		76,4	0,336	4.603.632	34.572.120	N/A	N/A	4,0	3,6
6		73,6	0,350	8.336.944	46.742.960	N/A	N/A	7,3	6,5
7		51,9	0,497	2.428.800	26.805.680	N/A	N/A	2,1	1,9
8		32,4	0,708	34.929.048	87.425.360	N/A	N/A	30,7	27,1
9		12,9	0,938	1.561.560	27.505.016	N/A	N/A	1,4	1,2
10		10,9	0,954	2.178.616	25.552.032	N/A	N/A	1,9	1,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.01 mm
Regression Equation	A single equation is not available for this method

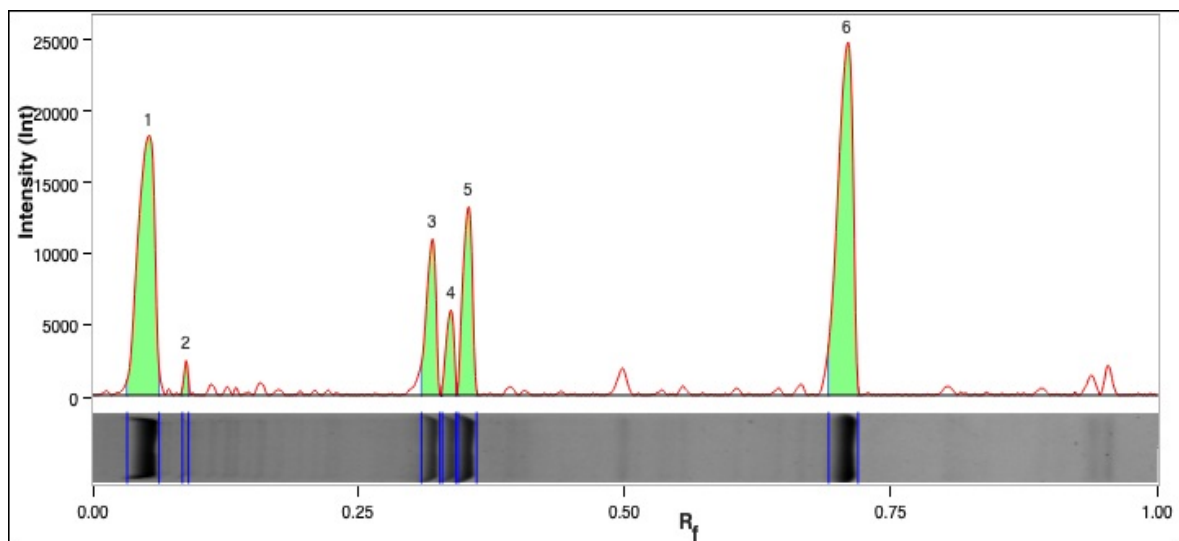
### Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	34.092.126	109.712.472	N/A	N/A	35,5	29,8
2		217,8	0,087	669.321	24.948.645	N/A	N/A	0,7	0,6
3		80,3	0,320	10.770.981	52.890.216	N/A	N/A	11,2	9,4
4		76,4	0,336	4.253.262	36.970.755	N/A	N/A	4,4	3,7
5		73,6	0,350	7.989.351	44.903.748	N/A	N/A	8,3	7,0
6		32,3	0,709	38.394.027	95.108.310	N/A	N/A	39,9	33,5

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

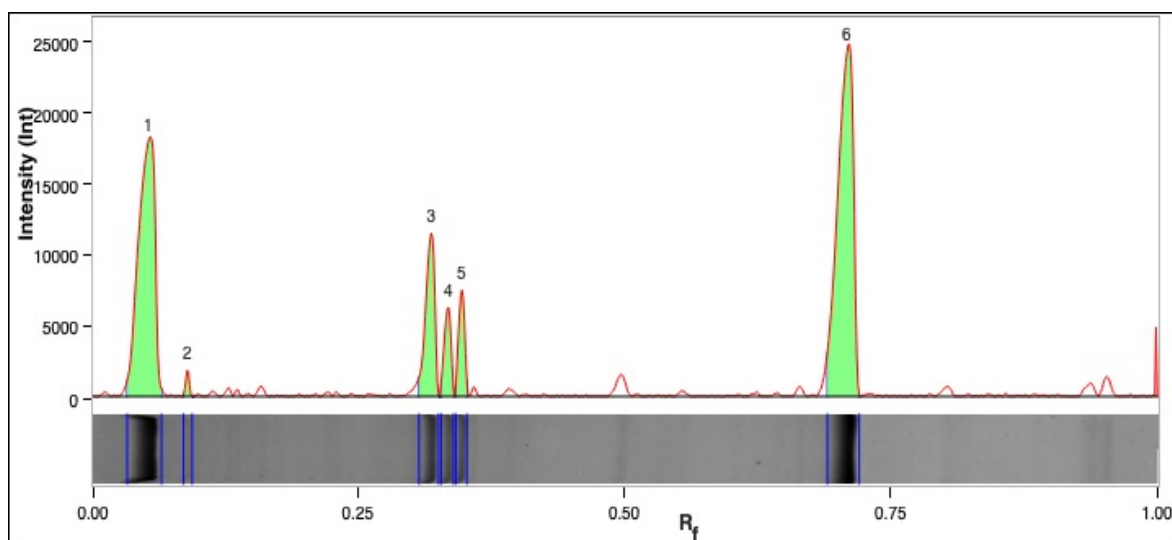
## Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,053	29.774.140	107.078.585	N/A	N/A	31,7	27,2
2		216,3	0,089	959.405	20.395.645	N/A	N/A	1,0	0,9
3		80,3	0,320	9.966.260	53.120.010	N/A	N/A	10,6	9,1
4		76,1	0,337	4.596.670	42.792.370	N/A	N/A	4,9	4,2
5		73,0	0,353	12.245.500	62.690.310	N/A	N/A	13,0	11,2
6		32,3	0,709	36.407.040	93.837.675	N/A	N/A	38,8	33,3

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

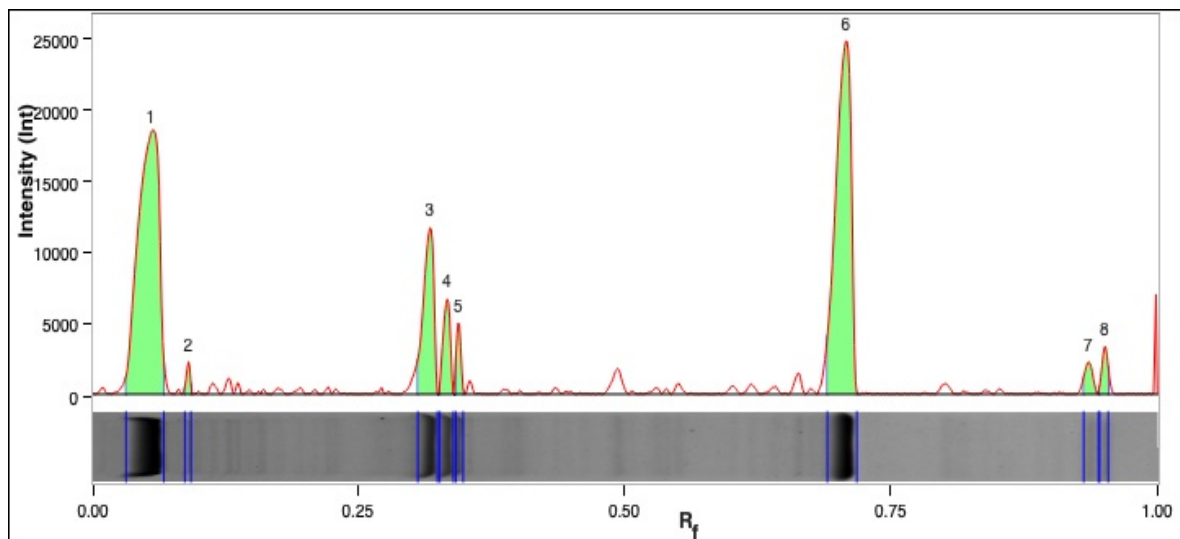
## Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,053	29.755.528	103.460.016	N/A	N/A	34,0	29,8
2		214,8	0,090	649.440	18.247.592	N/A	N/A	0,7	0,7
3		80,6	0,319	10.275.936	53.176.640	N/A	N/A	11,7	10,3
4		76,6	0,335	4.267.032	33.346.456	N/A	N/A	4,9	4,3
5		74,0	0,348	4.638.304	32.660.232	N/A	N/A	5,3	4,6
6		32,3	0,709	37.941.552	94.778.904	N/A	N/A	43,3	38,0

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.01 mm
Regression Equation	A single equation is not available for this method

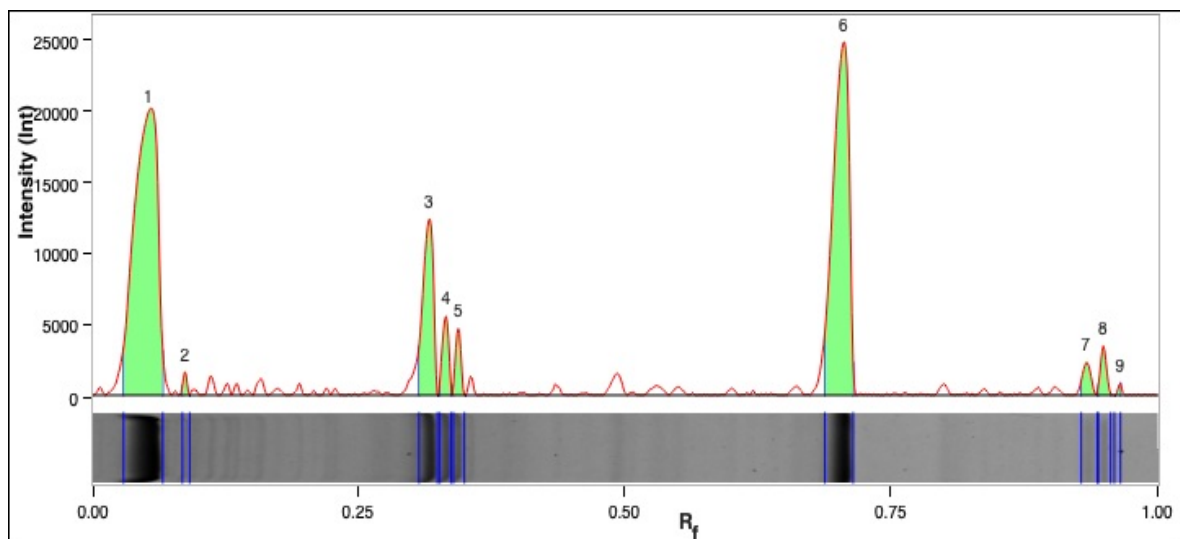
## Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,055	42.123.144	138.568.938	N/A	N/A	39,3	33,7
2		213,3	0,091	878.628	18.533.910	N/A	N/A	0,8	0,7
3		80,9	0,318	12.700.020	62.407.170	N/A	N/A	11,9	10,2
4		76,9	0,334	5.096.328	44.800.134	N/A	N/A	4,8	4,1
5		74,6	0,344	2.453.814	26.626.998	N/A	N/A	2,3	2,0
6		32,4	0,708	39.949.728	100.445.214	N/A	N/A	37,3	31,9
7		13,3	0,936	1.773.474	31.719.348	N/A	N/A	1,7	1,4
8		11,3	0,951	2.153.832	24.503.868	N/A	N/A	2,0	1,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.96 mm
Regression Equation	A single equation is not available for this method

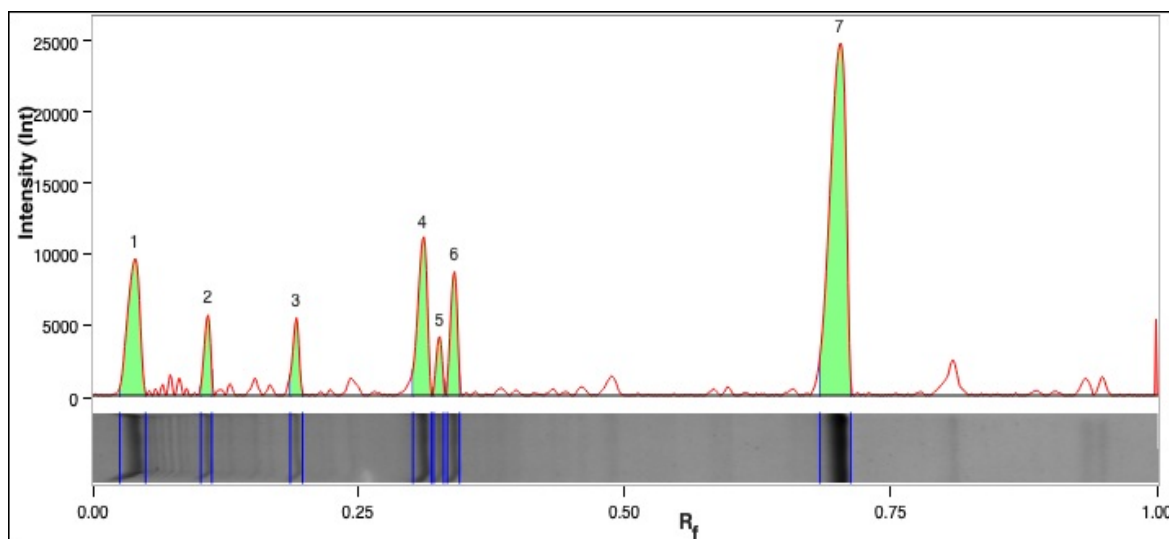
## Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,053	45.945.000	130.284.900	N/A	N/A	43,0	36,6
2		217,8	0,087	543.330	16.162.020	N/A	N/A	0,5	0,4
3		81,2	0,316	12.175.560	54.264.510	N/A	N/A	11,4	9,7
4		77,2	0,333	3.537.270	32.863.770	N/A	N/A	3,3	2,8
5		74,6	0,344	2.517.480	29.760.120	N/A	N/A	2,4	2,0
6		32,6	0,705	38.106.000	88.830.990	N/A	N/A	35,7	30,3
7		13,6	0,933	1.720.980	30.034.530	N/A	N/A	1,6	1,4
8		11,4	0,949	2.010.420	25.763.490	N/A	N/A	1,9	1,6
9		10,0	0,965	278.370	14.713.200	N/A	N/A	0,3	0,2

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 9

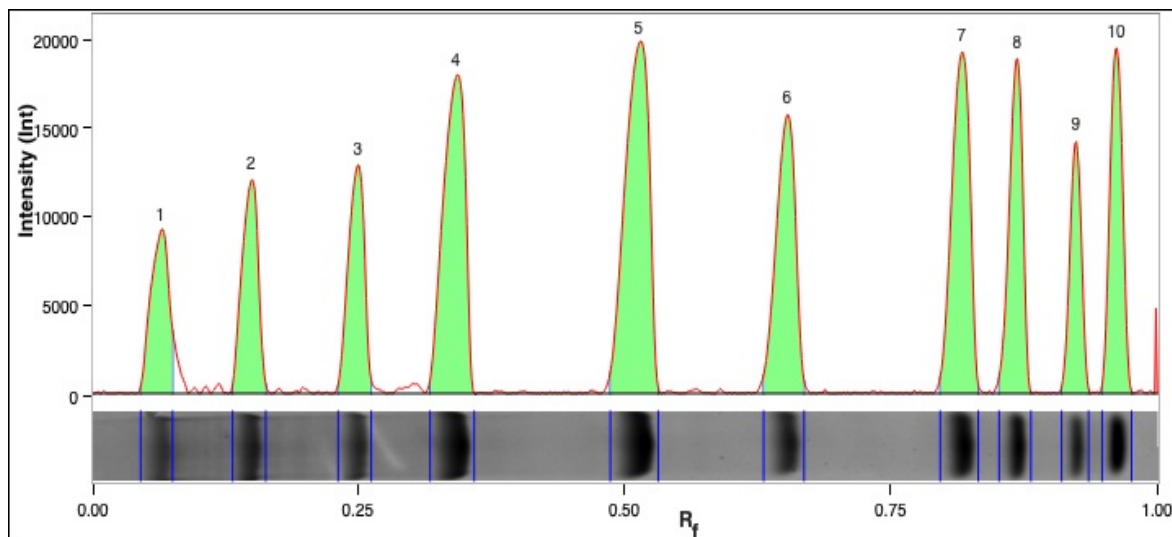


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,040	11.117.871	72.724.140	N/A	N/A	15,4	12,3
2		191,0	0,109	3.435.420	32.561.718	N/A	N/A	4,8	3,8
3		126,2	0,192	3.095.133	28.385.367	N/A	N/A	4,3	3,4
4		82,6	0,311	9.603.831	50.320.533	N/A	N/A	13,3	10,6
5		78,6	0,327	2.305.377	27.478.152	N/A	N/A	3,2	2,5
6		75,3	0,341	5.704.620	37.575.348	N/A	N/A	7,9	6,3
7		32,9	0,702	37.029.810	94.693.530	N/A	N/A	51,2	40,9



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 10 - 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	0,064	14.980.275	77.643.975	N/A	N/A	6,1	6,0
2		150,0	0,150	17.353.575	81.880.275	N/A	N/A	7,1	6,9
3		100,0	0,250	18.395.625	76.104.675	N/A	N/A	7,5	7,3
4		75,0	0,342	34.844.550	111.583.500	N/A	N/A	14,2	13,9
5		50,0	0,513	42.447.525	118.370.025	N/A	N/A	17,3	16,9
6		37,0	0,652	26.731.350	89.073.375	N/A	N/A	10,9	10,6
7		25,0	0,817	30.907.500	89.951.550	N/A	N/A	12,6	12,3
8		20,0	0,869	22.554.525	72.118.950	N/A	N/A	9,2	9,0
9		15,0	0,924	14.513.625	57.674.400	N/A	N/A	5,9	5,8
10		10,0	0,962	22.060.050	67.114.875	N/A	N/A	9,0	8,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.12 mm
Regression Equation	A single equation is not available for this method