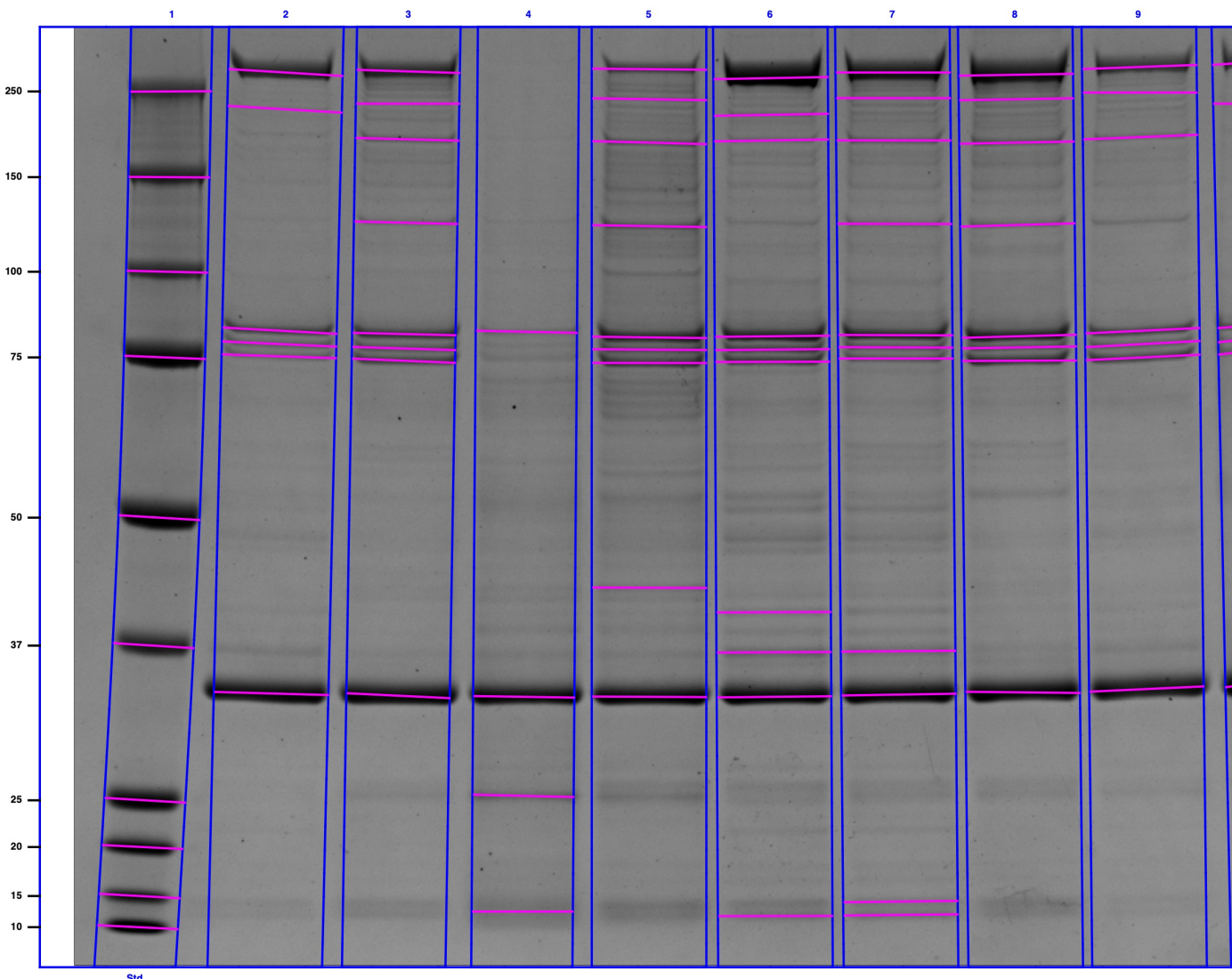


Image Report: polline 6settimana linea2



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 6/polline 6settimana
linea2.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	7.851 (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 12:24:42 PM
User Name	FisioLab
Image Area (mm)	X: 78.8 Y: 57.5
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	20695 - 58047

Analysis Settings

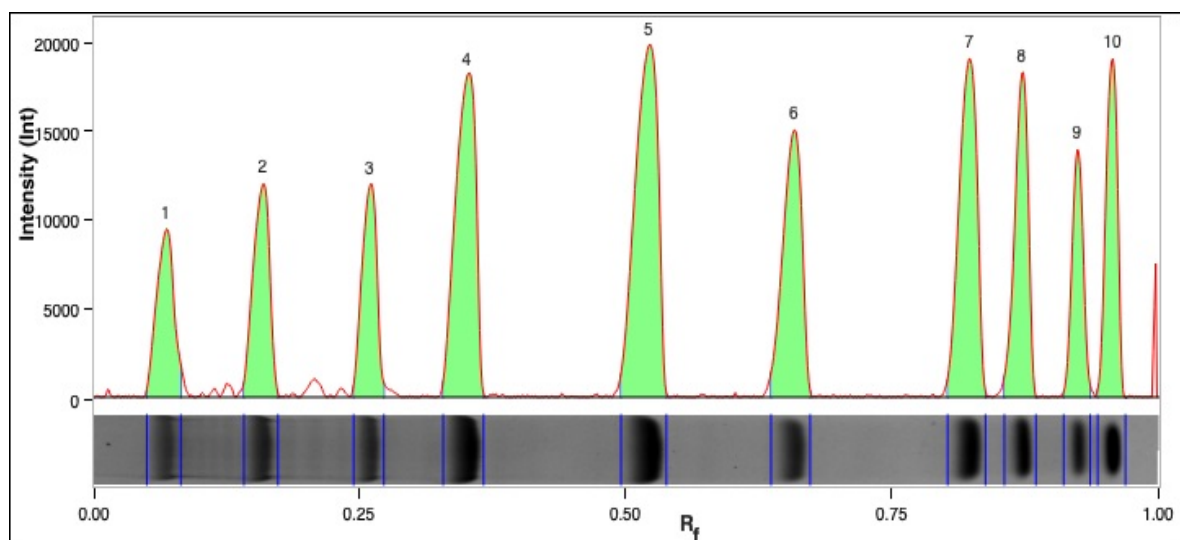
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus Standard lanes: first 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	204.578.485	782.750.530	211.187.467	1.918.381.965	1.707.194.498	N/A
2	77.750.580	347.655.179	91.943.156	2.330.394.055	2.238.450.899	N/A
3	75.626.856	393.201.024	88.236.726	2.150.129.496	2.061.892.770	N/A
4	47.262.761	239.311.163	61.731.397	2.105.611.235	2.043.879.838	N/A
5	71.669.975	422.021.694	105.950.126	2.519.521.522	2.413.571.396	N/A
6	103.944.304	511.880.130	128.657.197	2.476.624.700	2.347.967.503	N/A
7	90.883.492	495.038.703	116.496.193	2.448.567.500	2.332.071.307	N/A
8	98.761.035	455.210.148	118.283.140	2.419.445.177	2.301.162.037	N/A
9	74.004.161	355.867.884	97.330.777	2.299.757.838	2.202.427.061	N/A
10	59.542.308	278.752.456	72.648.996	2.059.541.532	1.986.892.536	N/A

Lane And Band Analysis

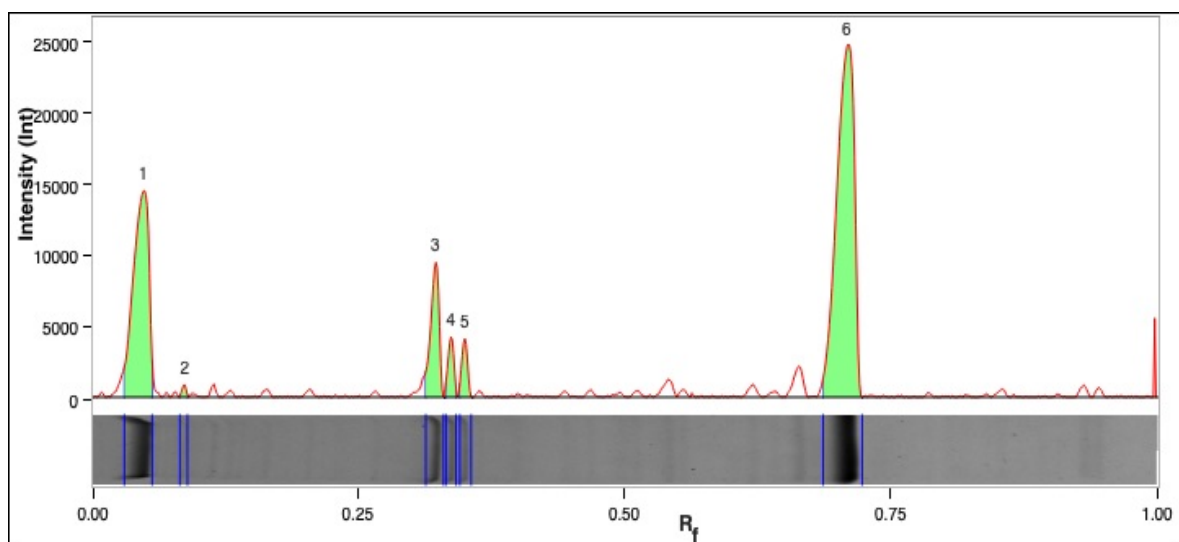
Lane 1 - Bio-Rad Precision Plus



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,069	12.771.496	76.062.642	N/A	N/A	6,2	6,0
2		150,0	0,160	15.436.142	78.719.185	N/A	N/A	7,5	7,3
3		100,0	0,260	13.947.745	68.423.192	N/A	N/A	6,8	6,6
4		75,0	0,351	29.084.076	98.812.143	N/A	N/A	14,2	13,8
5		50,0	0,522	35.486.614	109.258.370	N/A	N/A	17,3	16,8
6		37,0	0,658	22.196.745	83.350.378	N/A	N/A	10,8	10,5
7		25,0	0,822	26.805.527	84.837.169	N/A	N/A	13,1	12,7
8		20,0	0,872	19.235.427	68.525.100	N/A	N/A	9,4	9,1
9		15,0	0,924	12.266.336	55.091.129	N/A	N/A	6,0	5,8
10		10,0	0,957	17.348.377	59.671.222	N/A	N/A	8,5	8,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	4.98 mm
Regression Equation	A single equation is not available for this method

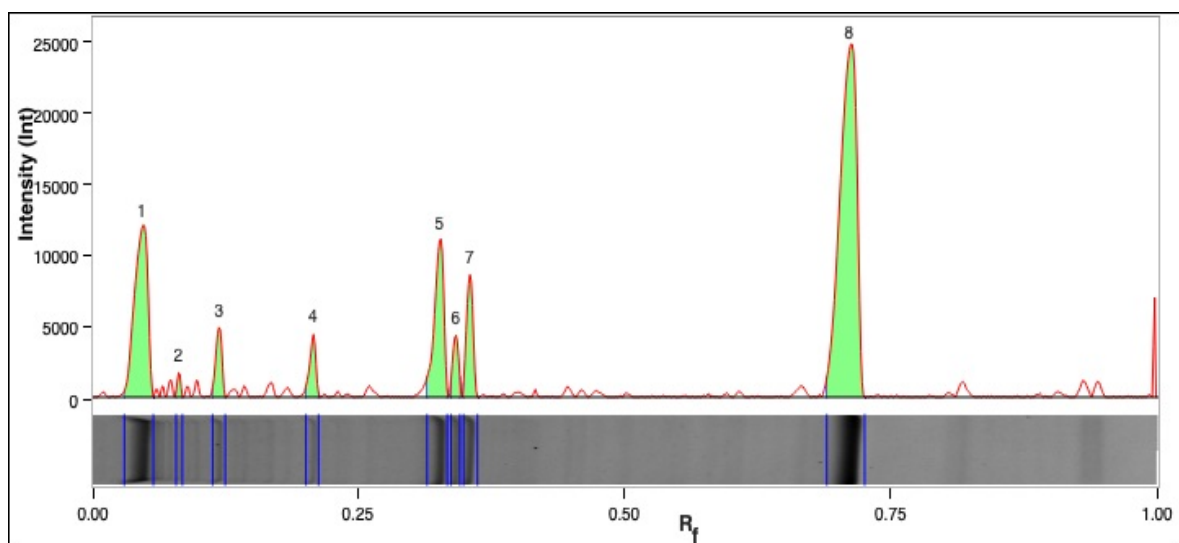
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,049	22.164.158	90.878.548	N/A	N/A	28,5	24,1
2		224,8	0,088	361.324	20.377.211	N/A	N/A	0,5	0,4
3		82,0	0,323	7.710.271	51.698.996	N/A	N/A	9,9	8,4
4		78,4	0,337	2.464.790	29.165.171	N/A	N/A	3,2	2,7
5		75,3	0,350	2.307.715	30.837.170	N/A	N/A	3,0	2,5
6		32,8	0,709	42.742.322	124.698.083	N/A	N/A	55,0	46,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	7.03 mm
Regression Equation	A single equation is not available for this method

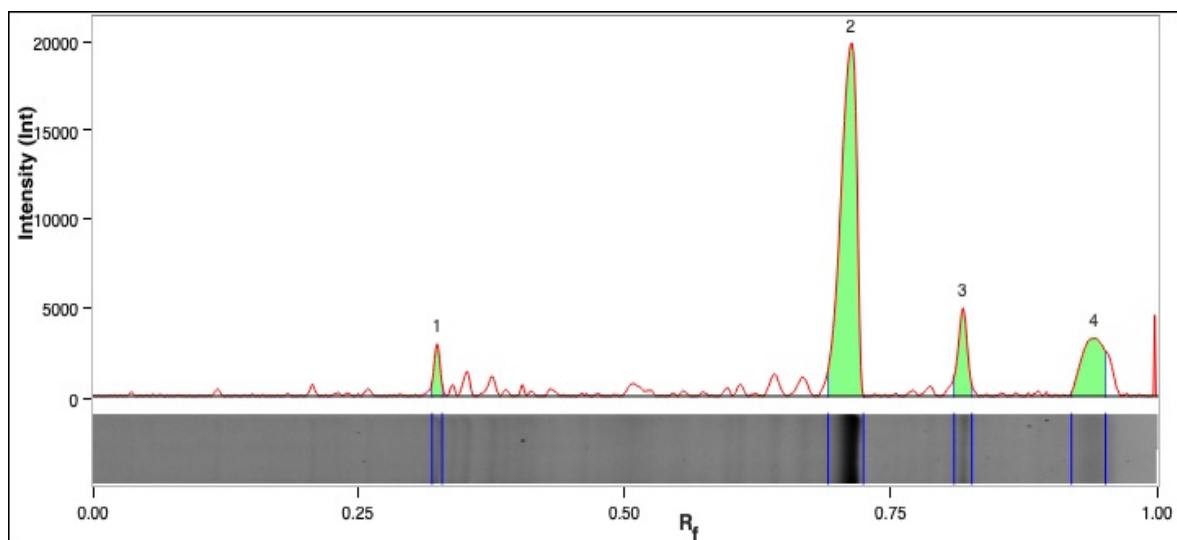
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,047	14.658.753	82.809.897	N/A	N/A	19,4	16,6
2		232,4	0,082	512.151	16.347.075	N/A	N/A	0,7	0,6
3		188,0	0,120	2.775.492	31.677.102	N/A	N/A	3,7	3,1
4		123,4	0,208	2.442.645	30.409.419	N/A	N/A	3,2	2,8
5		81,1	0,327	9.403.881	55.885.653	N/A	N/A	12,4	10,7
6		77,3	0,342	2.326.674	25.144.410	N/A	N/A	3,1	2,6
7		74,4	0,355	5.146.341	40.204.086	N/A	N/A	6,8	5,8
8		32,6	0,711	38.360.919	110.723.382	N/A	N/A	50,7	43,5

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

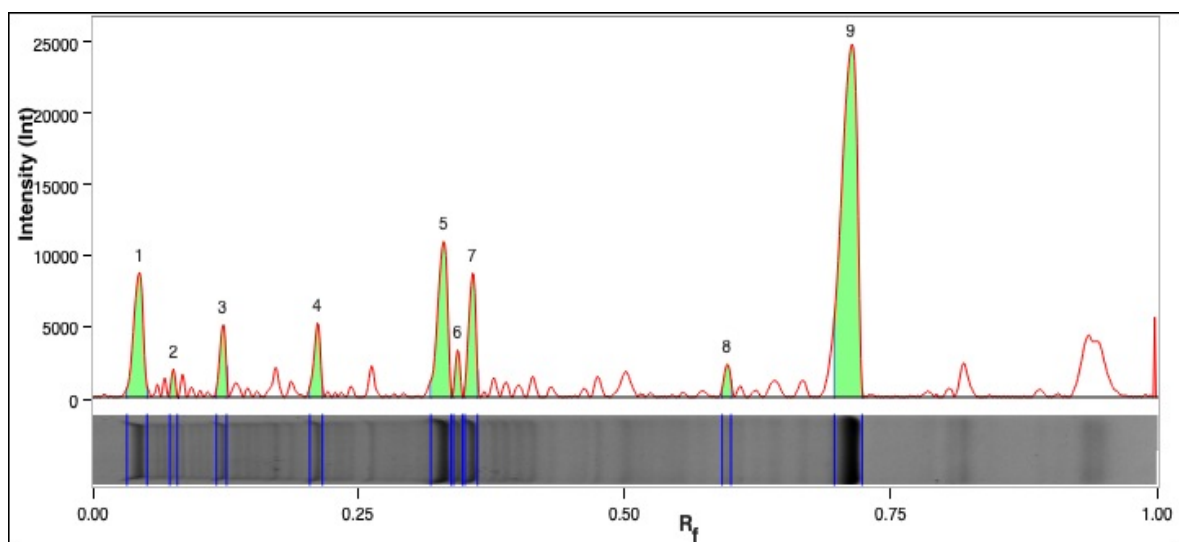
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		81,7	0,324	1.855.399	24.582.649	N/A	N/A	3,9	3,0
2		32,5	0,712	32.968.936	102.418.498	N/A	N/A	69,8	53,4
3		25,3	0,818	4.694.235	40.448.499	N/A	N/A	9,9	7,6
4		12,2	0,941	7.744.191	71.861.517	N/A	N/A	16,4	12,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.21 mm
Regression Equation	A single equation is not available for this method

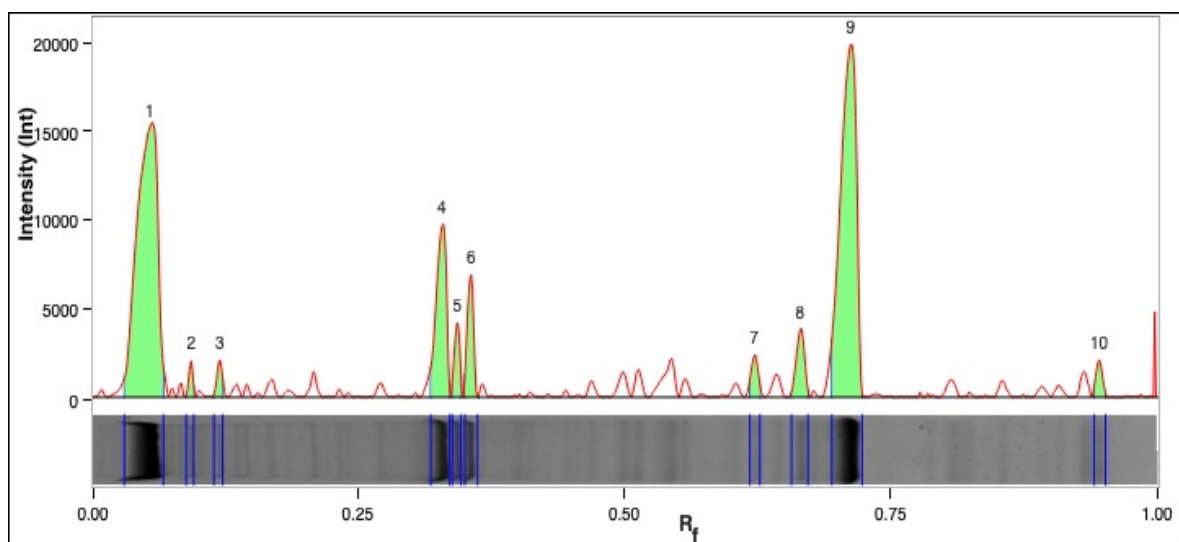
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,045	8.190.869	61.863.860	N/A	N/A	11,4	7,7
2		238,7	0,077	786.302	22.024.799	N/A	N/A	1,1	0,7
3		184,2	0,123	3.027.891	33.492.716	N/A	N/A	4,2	2,9
4		121,6	0,212	3.305.991	40.457.988	N/A	N/A	4,6	3,1
5		80,2	0,330	10.474.688	66.432.631	N/A	N/A	14,6	9,9
6		77,0	0,343	1.566.939	28.786.543	N/A	N/A	2,2	1,5
7		74,0	0,357	6.024.367	44.603.635	N/A	N/A	8,4	5,7
8		42,4	0,596	1.458.377	26.650.941	N/A	N/A	2,0	1,4
9		32,5	0,712	36.834.551	97.708.581	N/A	N/A	51,4	34,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	7.03 mm
Regression Equation	A single equation is not available for this method

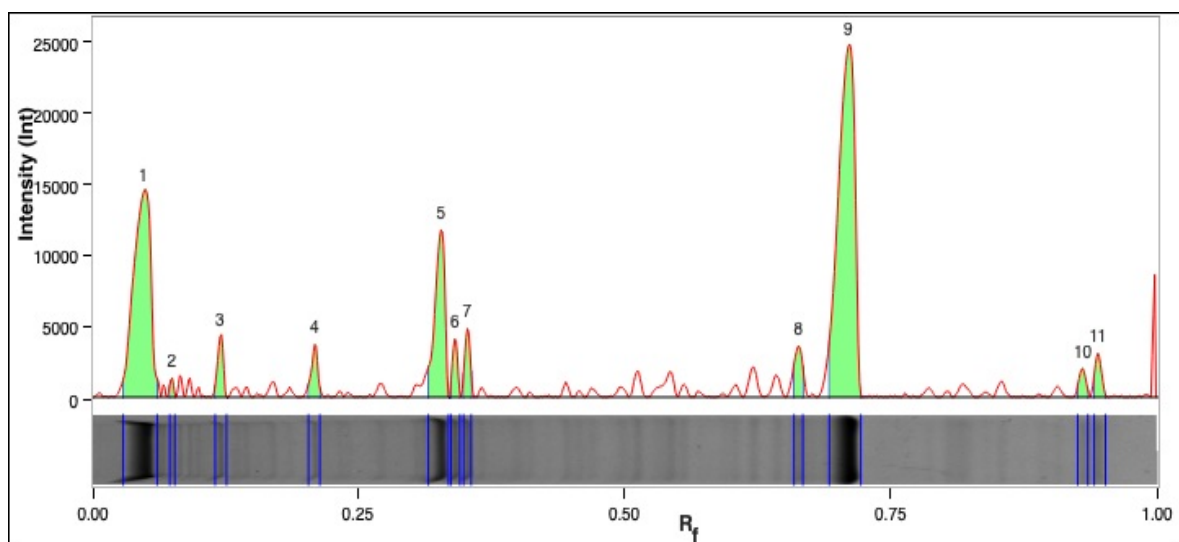
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,054	38.130.806	137.075.593	N/A	N/A	36,7	29,6
2		217,5	0,093	990.963	24.968.539	N/A	N/A	1,0	0,8
3		186,7	0,121	1.316.649	24.677.461	N/A	N/A	1,3	1,0
4		80,5	0,329	11.436.708	60.044.983	N/A	N/A	11,0	8,9
5		77,0	0,343	2.766.271	29.328.941	N/A	N/A	2,7	2,2
6		74,2	0,356	5.128.164	39.097.873	N/A	N/A	4,9	4,0
7		40,0	0,622	1.910.650	25.737.434	N/A	N/A	1,8	1,5
8		36,4	0,665	3.771.963	42.530.966	N/A	N/A	3,6	2,9
9		32,5	0,712	36.964.022	102.564.207	N/A	N/A	35,6	28,7
10		11,6	0,946	1.528.108	25.854.133	N/A	N/A	1,5	1,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	7.03 mm
Regression Equation	A single equation is not available for this method

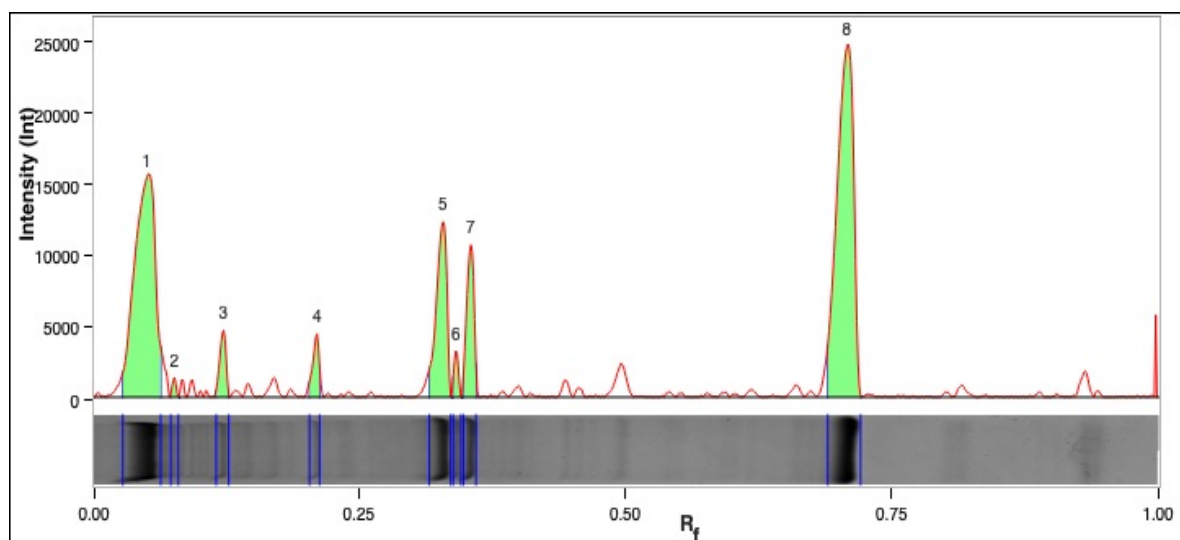
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,049	24.499.374	112.306.050	N/A	N/A	27,0	21,0
2		240,2	0,076	480.186	15.784.544	N/A	N/A	0,5	0,4
3		186,7	0,121	2.458.198	32.043.300	N/A	N/A	2,7	2,1
4		122,8	0,209	2.248.490	30.704.815	N/A	N/A	2,5	1,9
5		80,8	0,328	11.386.650	64.431.856	N/A	N/A	12,5	9,8
6		77,6	0,341	2.097.595	27.177.477	N/A	N/A	2,3	1,8
7		74,8	0,353	2.550.280	26.355.022	N/A	N/A	2,8	2,2
8		36,5	0,664	2.443.984	24.486.602	N/A	N/A	2,7	2,1
9		32,7	0,710	39.520.173	107.762.720	N/A	N/A	43,5	33,9
10		14,0	0,930	1.254.334	25.555.742	N/A	N/A	1,4	1,1
11		11,7	0,944	1.944.228	28.430.575	N/A	N/A	2,1	1,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	7.03 mm
Regression Equation	A single equation is not available for this method

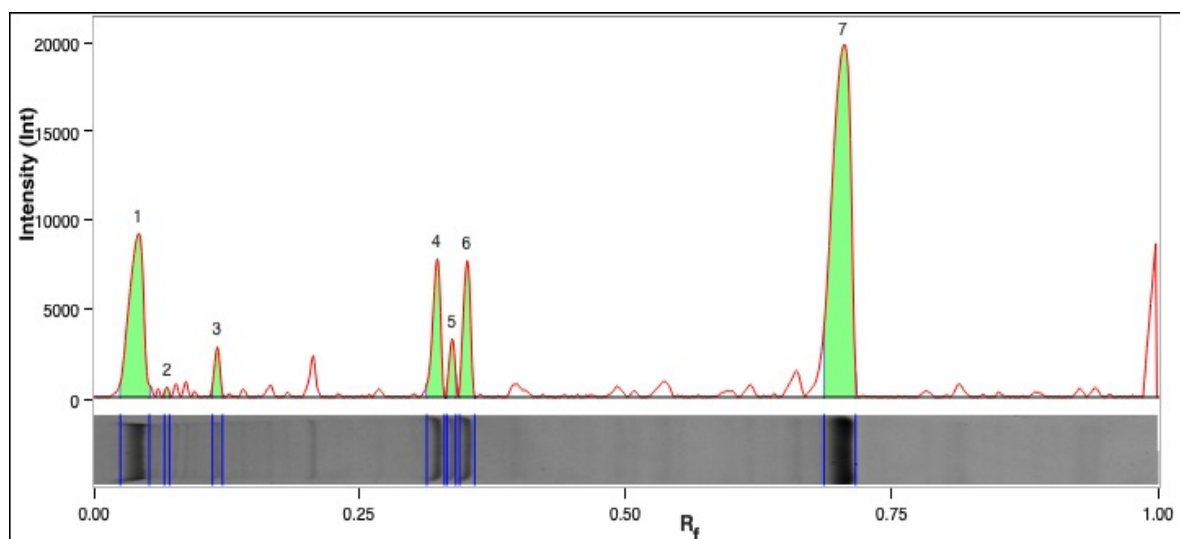
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,051	31.704.739	129.381.699	N/A	N/A	32,1	26,8
2		238,7	0,077	479.980	19.048.717	N/A	N/A	0,5	0,4
3		184,2	0,123	2.886.781	35.671.578	N/A	N/A	2,9	2,4
4		122,2	0,211	2.740.109	30.764.761	N/A	N/A	2,8	2,3
5		80,5	0,329	12.319.830	66.315.211	N/A	N/A	12,5	10,4
6		77,6	0,341	1.411.100	23.896.206	N/A	N/A	1,4	1,2
7		74,4	0,355	7.749.205	43.594.441	N/A	N/A	7,8	6,6
8		32,9	0,708	39.469.291	106.537.535	N/A	N/A	40,0	33,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	7.03 mm
Regression Equation	A single equation is not available for this method

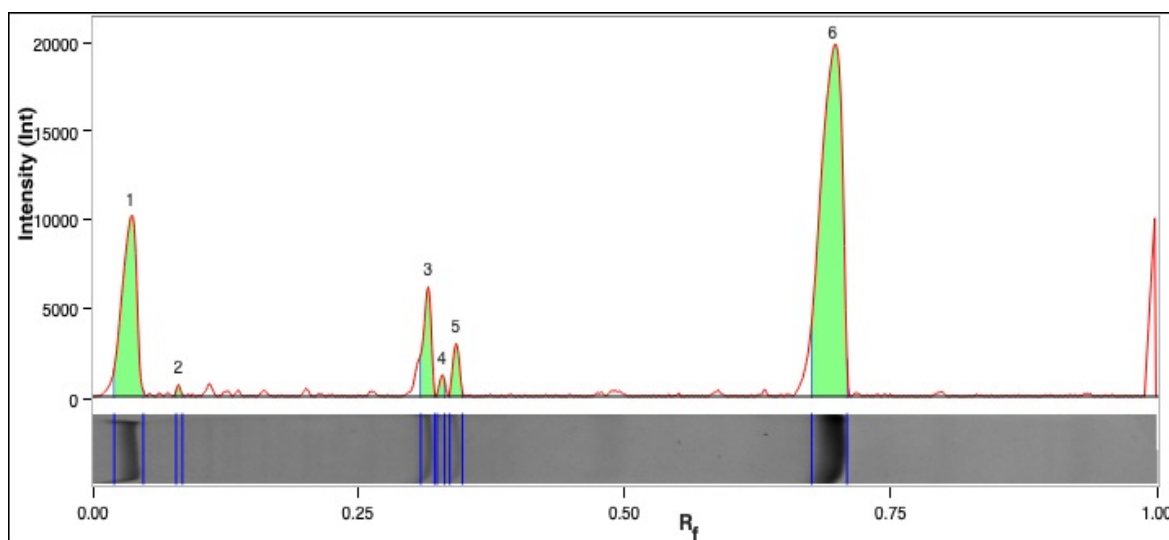
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,043	15.157.171	85.627.917	N/A	N/A	20,5	15,6
2		248,3	0,070	222.995	14.732.193	N/A	N/A	0,3	0,2
3		190,5	0,117	1.811.667	27.309.729	N/A	N/A	2,4	1,9
4		82,0	0,323	7.020.171	50.380.596	N/A	N/A	9,5	7,2
5		78,4	0,337	2.146.520	25.871.952	N/A	N/A	2,9	2,2
6		75,0	0,351	6.395.888	46.095.384	N/A	N/A	8,6	6,6
7		33,1	0,704	41.249.749	105.850.113	N/A	N/A	55,7	42,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	7.03 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	0,037	13.765.684	74.229.188	N/A	N/A	23,1	18,9
2		232,4	0,082	220.984	15.167.672	N/A	N/A	0,4	0,3
3		83,9	0,316	4.479.756	35.073.252	N/A	N/A	7,5	6,2
4		80,5	0,329	619.988	21.520.548	N/A	N/A	1,0	0,9
5		77,3	0,342	1.832.824	27.705.524	N/A	N/A	3,1	2,5
6		33,8	0,696	38.623.072	105.056.272	N/A	N/A	64,9	53,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm

Regression Equation	A single equation is not available for this method
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