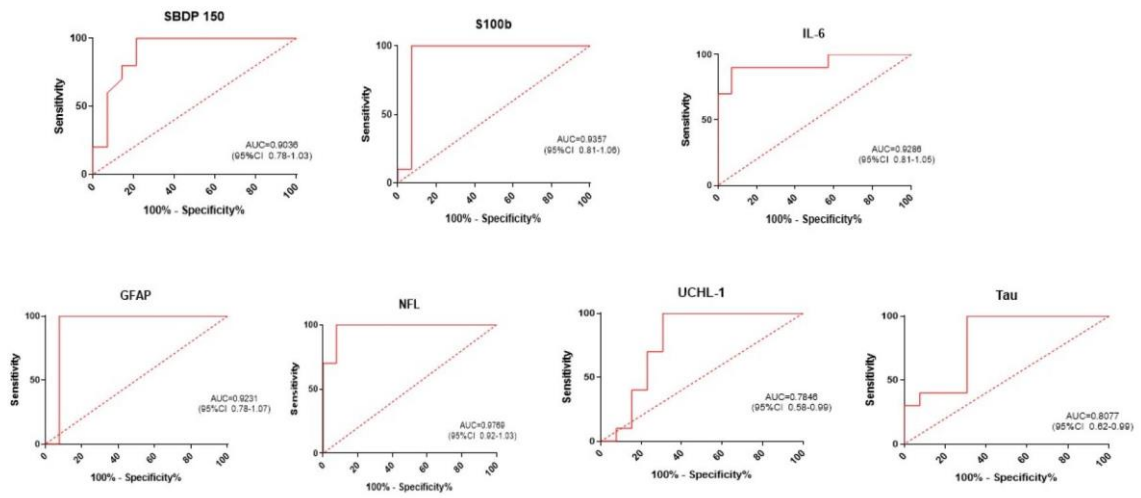**Table S1.** Correlation between CSF biomarker (SBDP150, UCH-L, S100B, Tau, GFAP, NF-L, IL-6) day one concentration patient with SCI and healthy control. *p values < 0.05 were considered statistically significant. AUC – area under the curve. CI – confidence intervals.
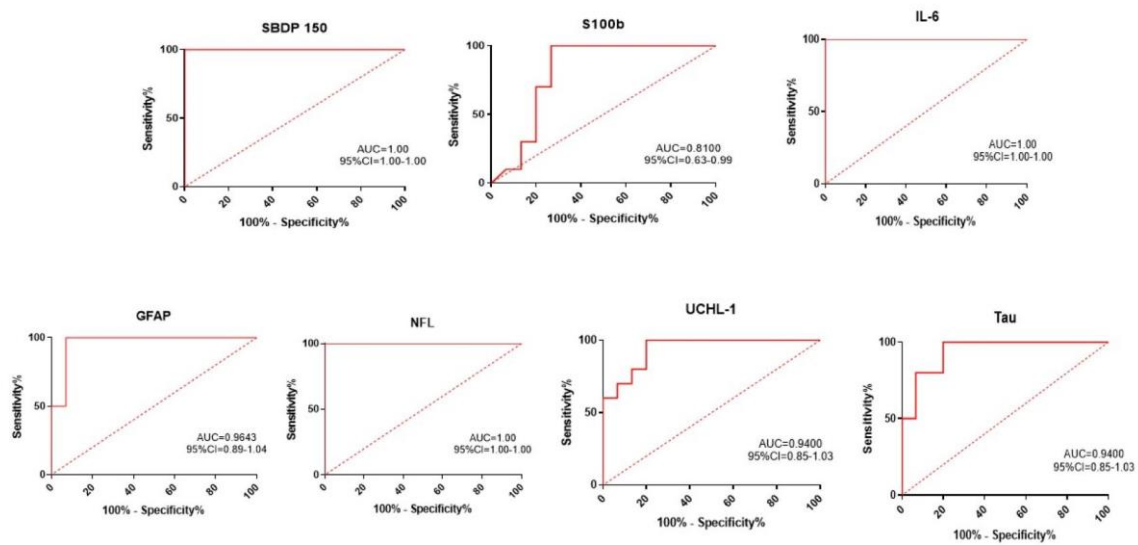
ROC of CSF biomarkers control vs SCI			
Biomarkers	**AUC**	**95% CI**	***P**
SBDP150	0.9036	0.7766 – 1.031	0.0009453
S100b	0.9357	0.8129 – 1.059	0.0003579
IL-6	0.9286	0.8120 – 1.045	0.0004466
GFAP	0.9231	0.7782 – 1.068	0.0006525
NFL	0.9769	0.9239 – 1.030	0.0001220
UCHL-1	0.7846	0.5823 – 0.9869	0.02179
Tau	0.8077	0.6230 – 0.9924	0.01315

Table S2. Correlation between serum biomarker (SBDP150, UCH-L, S100B, Tau, GFAP, NF-L, IL-6) concentration and diagnosis correlations in patients with SCI. *p values < 0.05 were considered statistically significant. ROC= receiver operating characteristic AUC= area under the curve. CI = confidence intervals.

ROC of serum biomarkers control vs SCI			
Biomarkers	**AUC**	**95% CI**	***P**
SBDP150	1.000	1.000 – 1.000	< 0.0001
S100b	0.8100	0.6293 – 0.9907	0.009927
IL-6	1.000	1.000 – 1.000	< 0.0001
GFAP	0.9643	0.8901 – 1.038	0.0006525
NFL	1.000	1.000 – 1.000	< 0.0001
UCHL-1	0.9400	0.8537 – 1.026	0.0002538
Tau	0.9400	0.8520 – 1.028	0.0002538

Figure S1. ROC curves for Day 1. CSF biomarkers for SCI patients versus controls for predicting the diagnosis of SCI.

Figure S2. ROC curves for Day 1. Serum biomarkers for SCI patients versus controls for predicting the diagnosis of SCI.