**S4- Sandwich ELISAs**

Focus in our analysis was set on monocyte chemoattractant protein-1 (MCP-1; ELISA Set, BD Biosciences, San Diego, CA), cytokine-induced neutrophil chemoattractant protein-1 (CINC-1; DuoSet® ELISA Development System, R&D Systems, Abingdon, UK), interleukine-6 (IL-6; DuoSet® ELISA Development System, R&D Systems, Abingdon, UK), interleukine-12 (IL-12; IL-12 Rat ELISA KIT, LifeTechnologies, Darmstadt, Germany) and anti-inflammatory protein interleukin-10 (IL-10; DuoSet® ELISA Development System, R&D Systems, Abingdon, UK).

Lower detection range was 250 pg/ml for MCP-1, 5.625 pg/ml for CINC-1, 125 pg/ml for IL-6, 15.6 pg/ml for IL-12 and 62.5 pg/ml for IL-10.