



Biomarker Qualification Sheet

Qualified Imperacer® Assay for the Quantification of CXCL13 in Human CSF

CXCL13:

CXC Ligand 13 (CXCL13) is a small chemokine also known as B lymphocyte chemoattractant (BLC) or B cell-attracting chemokine 1 (BCA-1). It is selectively chemotactic for B cells and interacts with chemokine receptor CXCR5. Binding controls B cell organization within follicles of lymphoid tissues and causes germinal center formation as part of the immune response to infection. Elevated CXCL13 levels were observed in cancer patients (lung, breast).

Table 1: Assay setup

Analyte:	CXCL13
Platform:	Imperacer® (Immuno-PCR)
Matrix:	Human CSF
Status:	Qualified

Table 2: Assay details

Lower limit of quantification:	0.79 pg/ml
Upper limit of quantification:	300 pg/ml
Assay range:	0.79 – 300 pg/ml
Minimum required dilution:	1:3
Minimum sample volume:	23.3 µl