

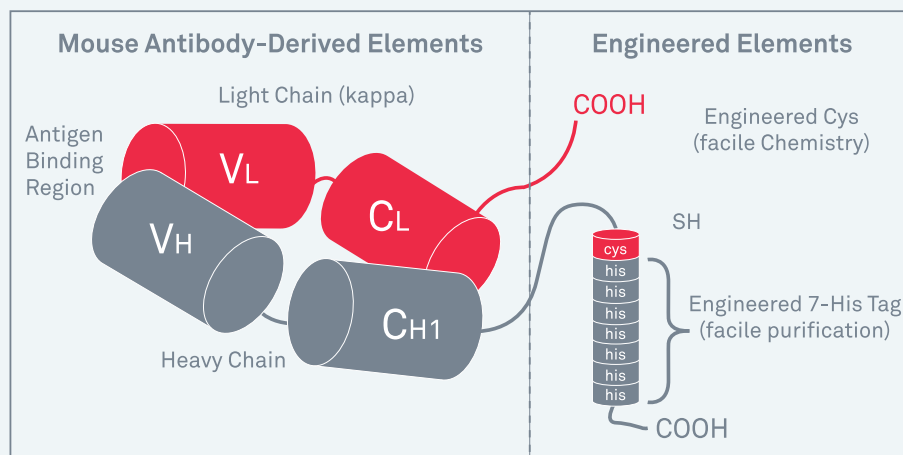
ST2 RECOMBINANT FAB MONOCLONAL ANTIBODIES

Abbreviations	ST2 / sST2
Synonyms	Soluble ST2
Associated Marker	ST2
Host	Recombinant antibody produced in E. coli. Originally murine-derived.

STAR PAIRS

We recommend BR139-S7B7 (Capture) paired with BR139-V8D4 (Detection) and BR139-T3G5 (Capture) paired with BR139-V8D4 (Detection).

Application	ELISA assay Western blot Lateral flow
Target Marker	ST2 is a novel cardiac biomarker. It signals the presence and severity of adverse cardiac remodeling and tissue fibrosis, which occurs in response to myocardial infarction, acute coronary syndrome, or worsening heart failure. It is a protein that is encoded by the IL1RL1 gene.
Advantages of Recombinant FAB Antibodies	<ul style="list-style-type: none"> + Picomolar affinities – allows the development of high sensitivity assays. + Scale up and batch consistency – expressed in E.coli giving rise to quick and reliable production processes. + Better value than standard IgG – compared with IgG, Fab molecules have >36% more antibody binding sites per milligram of product. + Fewer conjugation issues – our antibodies are engineered with a free Cysteine for site-specific conjugation. Therefore there is no interference with the antigen binding site of the antibody.



Order your evaluation sample today www.bbisolutions.com

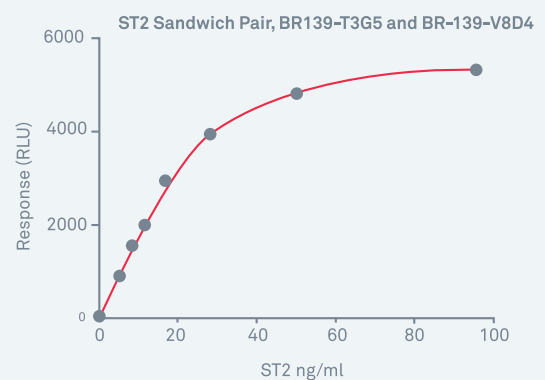
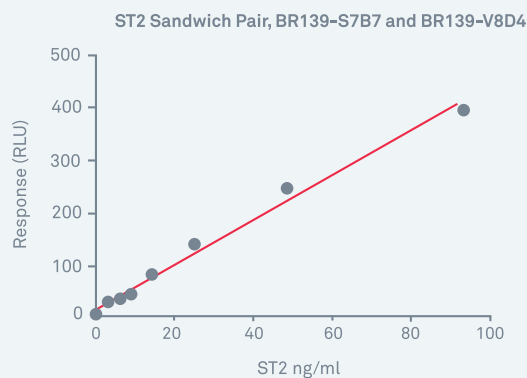
WHY BBI?

- + Be confident in your **results** when you choose BBI's antibodies for your next assay – our ST2 antibodies have been tested in **sandwich ELISA on patient samples**.
- + **Save time and money** by choosing one of our recommended pairs.
- + Ideal for next generation assays due to **high sensitivity**.

Range of Detection

BR137-S7B7 & BR139-V8D4: 1.39-97 ng/mL
BR139-T3G5 & BR139-V8D4: 0.08-31 ng/mL

Characterisation



ST2 Recombinant Fab mAbs BR139-S7B7 and BR139-V8D4 were tested as a Capture/ Detection pair, as were BR139-S7B7 and BR139-V8D4. Both antibodies were tested over a range up to 95ng/ml of ST2 spiked into plasma. A constant dose response was seen over that range.

ORDERING DETAILS – USE THE FOLLOWING CODES WHEN ORDERING

Product	Code	Description
ST2 Fab Antibody	BR139-S7B7	ELISA – Capture antibody paired with BR139-V8D4 as Detection
ST2 Fab Antibody	BR139-T3G5	ELISA – Capture antibody paired with BR139-V8D4 as Detection
ST2 Fab Antibody	BR139-V8D4	ELISA – Detection antibody paired with either BR139-S7B7 or BR139-T3G6

Get in touch to order an evaluation sample, or purchase directly at www.bbisolutions.com

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