

In our ongoing commitment to improving the quality of the SOMAscan® multiplexed proteomic assay, we have further characterized the specificity of SOMAmer® reagents used in the current SOMAscan 1.3k assay. As a result of these studies, we have decided to remove five reagents from future assay results reporting, per the list in the table below and as documented in the Change Log titled SOMAscan Assay Change Log - 1.3k - December, 2016 (see below) . Please note that these revisions may affect the results from samples run on the SOMAscan assays known as 1.1k (or V3) and 1.3k between 2012 and 2016.

The technical note [Characterization of SOMAmer Reagents Binding Specificity in the SOMAscan 1.3k assay](#) outlines the specificity testing protocols that led to this revision. In addition, SomaLogic has released an update of the [1.3k menu with characterization annotation](#) that details the specificity findings described in the technical note mentioned above.

We are notifying anyone who has run samples using our 1.3k assay version, which was initially released in September of 2015. Should you have questions regarding the methodology used in this characterization analysis, how to account for this revision in a previous analysis, or the implications of this change for your research, please contact your SomaLogic sales representative or project manager.

SomaLogic is committed to offering the utmost transparency about our products in order to accelerate the success of our customers' protein biomarker discovery and validation efforts.

SOMAscan® Assay Change Log – 1.3k - December 2016

Removed SOMAmer® Reagents

SeqId	Target Full Name	UniProt	Reason for Removal
2795-23	Alkaline phosphatase, tissue-nonspecific isozyme	P05186	Mass spectrometry identifies Lactotransferrin as the protein captured from the commercial protein preparation using SOMAmer reagent 2795-23. The original, and subsequent, protein preparations purchased as "Alkaline phosphatase, bone" primarily consisted of Lactotransferrin, not Alkaline phosphatase.
3590-8	Complement C1s subcomponent	P09871	Mass spectrometry identifies Complement Factor H as the protein enriched from plasma when the SOMAmer reagent 3590-8 is used for affinity capture.
5071-3	Desmoglein-2	Q14126	Mass spectrometry identifies IgG as the protein enriched from plasma when the SOMAmer reagent 5071-3 is used for affinity capture. The SELEX target was an Fc fusion protein.
5118-74	Reticulon-4	Q9NQC3	Mass spectrometry identifies IgG as the protein enriched from plasma when the SOMAmer reagent 5118-74 is used for affinity capture. The SELEX target was an Fc fusion protein.
5073-30	Tumor necrosis factor receptor super-family member 25	Q93038	Mass spectrometry identifies IgG as the protein enriched from plasma when the SOMAmer reagent 5073-30 is used for affinity capture. The SELEX target was an Fc fusion protein.