

Design for sustainability (DfS) scorecard



With our DfS scorecard, we drive sustainability improvement during the product development process through multiple product sustainability criteria divided into seven impact areas.

Recombinant Mouse IgG B1 & B2

Animal-free alternative with higher purity and improved consistency



Impact areas

Results



MATERIALS

Recombinant mouse IgG products provide IVD manufacturers an immunoassay blocking reagent that is synthesized via in vitro cell culture techniques. The antibody-producing cell line is maintained in a serum-free environment (devoid of fetal bovine serum or “FBS”), thereby reducing reliance on animal sources.



SUPPLIERS & MANUFACTURING

100% of the product’s upstream supply chain and manufacturing are covered by suppliers (Tier 1) who participate in the Together for Sustainability initiative with a valid assessment



PACKAGING

No change compared to baseline product in consideration of our DfS criteria



ENERGY & EMISSIONS

No change compared to baseline product in consideration of our DfS criteria



WATER

No change compared to baseline product in consideration of our DfS criteria



USABILITY & INNOVATION

New product has M-Clarity™ rating of MQ300, offering advantages over the baseline MQ100. The recombinant technology results in an improved lot-to-lot consistency, higher purity, larger batch sizes, and shorter lead times.



CIRCULAR ECONOMY

No change compared to baseline product in consideration of our DfS criteria

Baseline product: PP54 IgG mouse