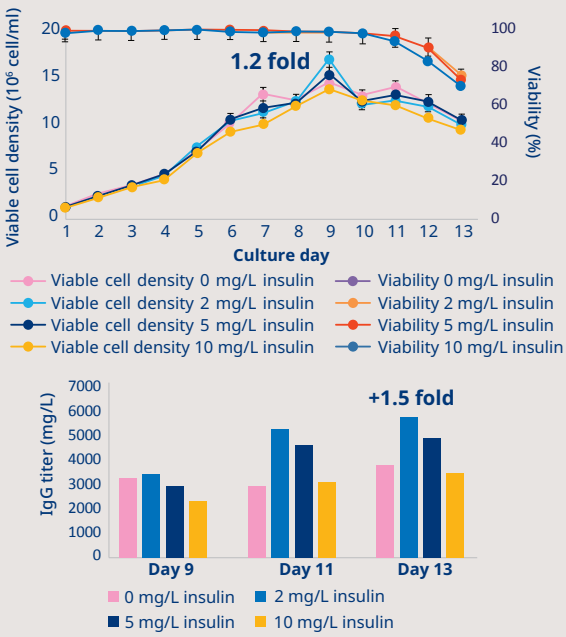
Boost production of mAbs in CHO cells using Recombinant Insulin

Recombinant Insulin enhances the production of mAb by 1.5-fold in CHO-K1 cells

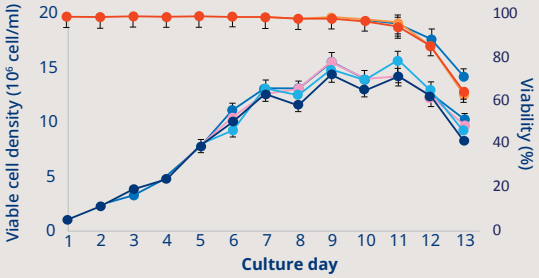
Insulin added to basal media

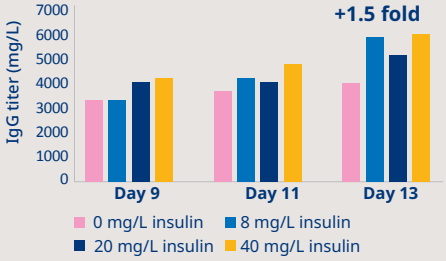
Insulin increases viable cell density by 1.2-fold



Insulin added to feeding* media

Insulin does not affect viable cell density

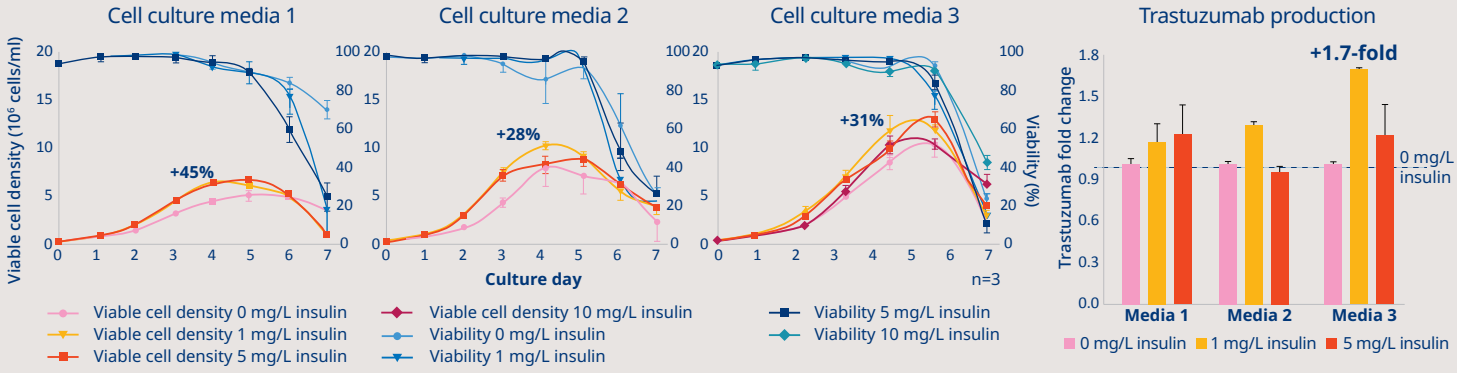




** 5% feed is added to the culture every second day, starting from day 3*

Recombinant Insulin supplementation either in the basal media or in the feeding media of a fed-batch culture of CHO-K1 cells boosts mAb production by 1.5-fold compared to the media without insulin.

Supplementation of Recombinant Insulin boosts the production of mAb by 1.7-fold in CHO-S cells



The supplementation of Recombinant Insulin to three catalog media increases CHO-S proliferation and boosts mAb production by 1.7-fold.

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