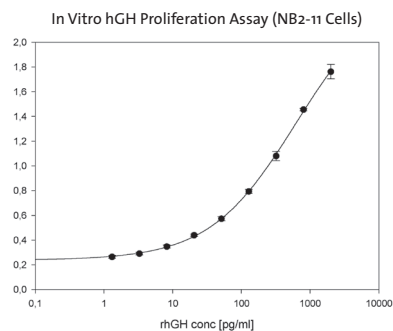


Bioanalytical Service

Cell based Potency Assays

rhGH potency assay

- Determination of biological activity of recombinant human Growth Hormone
- NB2-11 cell line
- Measurement of proliferation
- Limit of Detection (LOD): 0.3 pg/ml
- Limit of Quantification (LOQ): 2.2 pg/ml



rhGH potency assay example

- Calculated 80 % -activity
- Standard 100 % (4 ng/ml)
- Titration factor 2.5
- Measurement: 81.7% activity
- Confidence interval: 9.5 %

