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(54) **Title**: CELL CULTURE MEDIUM

(57) **Abstract**: The invention relates to serum-free cell culture medium, wherein the medium either contains maltose as the sole carbohydrate source, or contains maltose and at least one other saccharide as carbohydrate sources. In a preferred embodiment, the additional saccharide is a monosaccharide, preferably glucose, and the medium comprises DMEM-F12. In a preferred embodiment the cells to be cultured may be CHO or HEK293 cells. Also disclosed are methods of growing and/or culturing a cell using the cell culture medium as described herein, methods of increasing protein yield using the cell culture medium as described herein, and kits thereof.