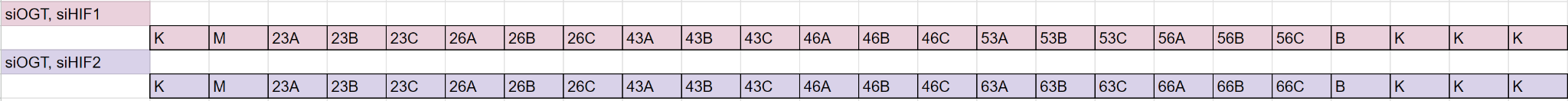
Layouts of cells samples western blot analysis



K - control obtained from MDA-MB-231 cells cultured with CoCl2

M - molecular weight marker

B - sample buffer loaded to maintain consistent running conditions

23 - cells treated with scramble siRNA (negative control) cultured in standard conditions

26 - cells treated with scramble siRNA (negative control) cultured with CoCl2

43 - cells treated with siRNA targeting OGT cultured in standard conditions

46 - cells treated with siRNA targeting OGT cultured cultured with CoCl2

53 - cells treated with siRNA targeting HIF1 cultured in standard conditions

56 - cells treated with siRNA targeting HIF1 cultured cultured with CoCl2

63 - cells treated with siRNA targeting HIF2 cultured in standard conditions

66 - cells treated with siRNA targeting HIF2 cultured cultured with CoCl2

Each blot layout was run in an identical copy for separated detection of hypoxia-inducible factor isoforms to avoid error due to similar molecular weight. Layouts remained identical for both cell lines (MDA-MB-231, MCF-7). “A”, “B” and “C” next to the sample ID identify biological repeats of the sample.