Effects of cigarette smoke extract (CSE) and H2O2 on cell viability in preadipocyte orbital fibroblasts (OFs). OFs (1 × 10^5) from normal subjects (n=3) and Graves’ orbitopathy (GO) patients (n=3) were seeded into 24-well culture plates and treated with different concentrations of CSE (1%–5%) (A) or H2O2 (10–500 µM) (B) for 24 h. After treatment, the cells were assayed with 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide (MTT) to test their viability. The results are expressed as percentages of the untreated control values, presented as means ± SD. The assays were performed at least three times in triplicate with cells from different samples; data from a representative experiment are shown, expressed as the differences between the treated and untreated cells in the normal and GO OF samples (*P < 0.05).