



Figure 2: Insulin -positive cells that developed in presence of xylitol produce functional beta cell markers

Immunohistochemical analysis of PC1/3, PDX1 and Synaptophysin, three beta cell markers, after 7 days of culture in presence of 10mmol/l xylitol. PC1/3, PDX1 and synaptophysin were revealed in green (left panels); Insulin was revealed in red (middle panel); the merge picture revealed the colocalization of the staining (right panel). Scale bar: 100 μ m.