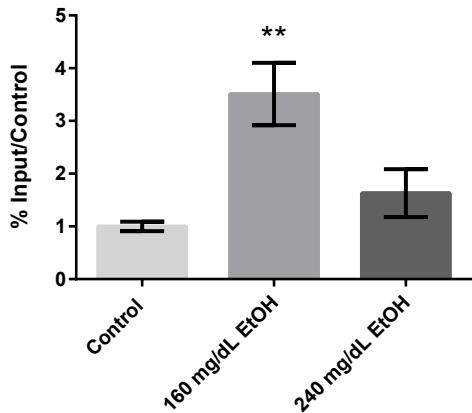
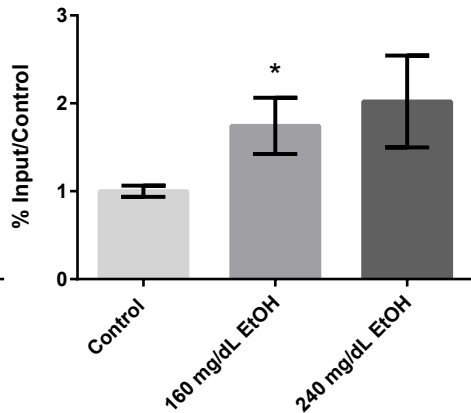
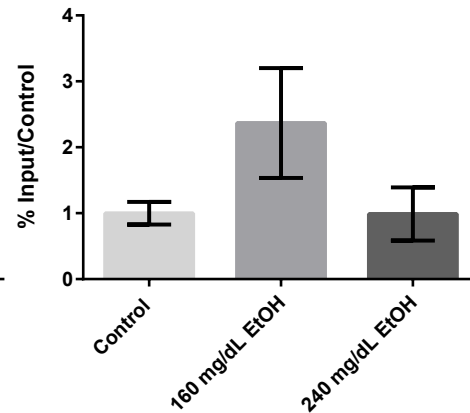
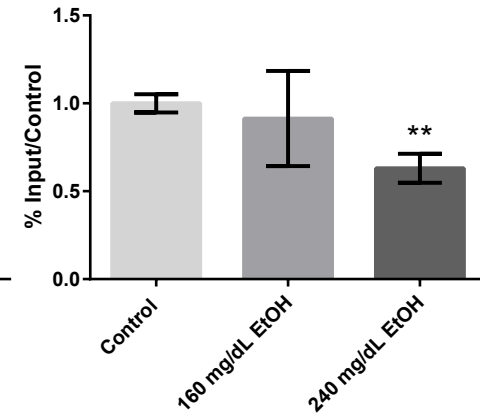
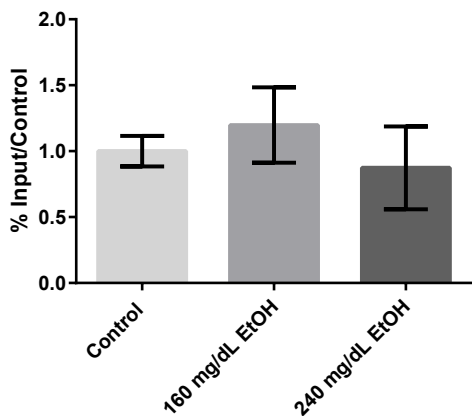
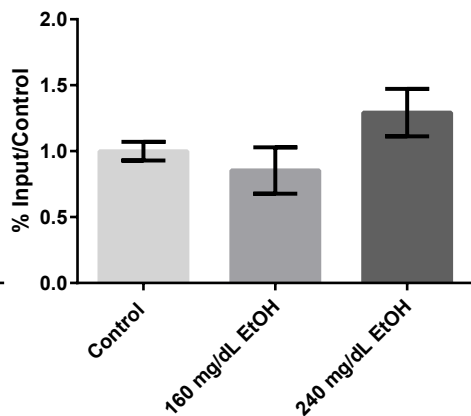
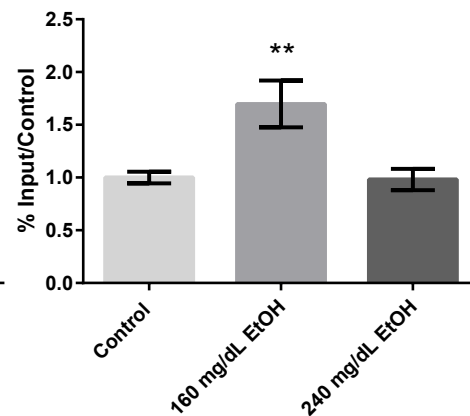
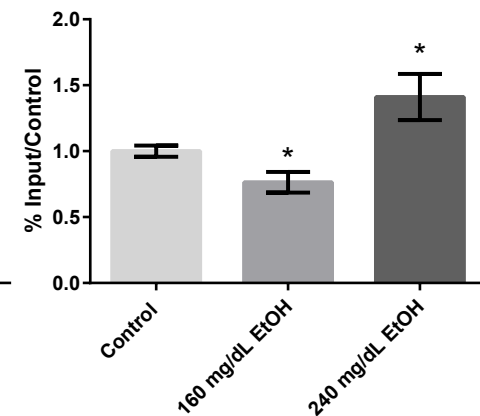
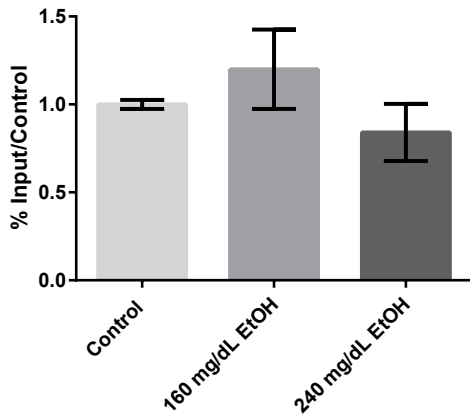
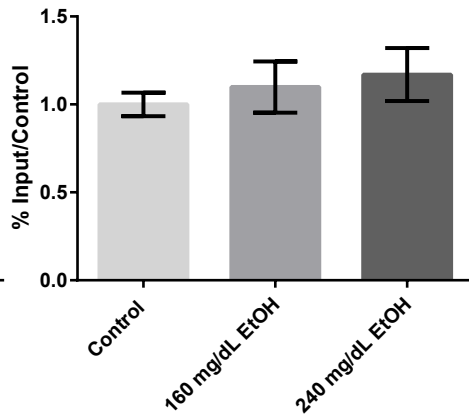
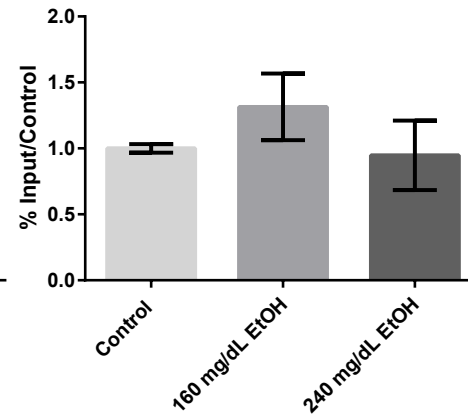
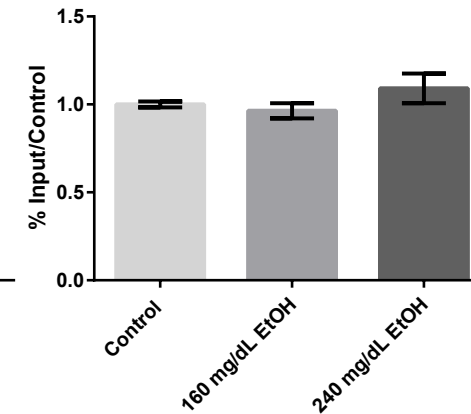
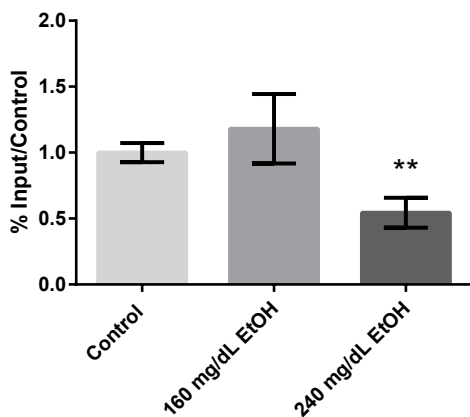
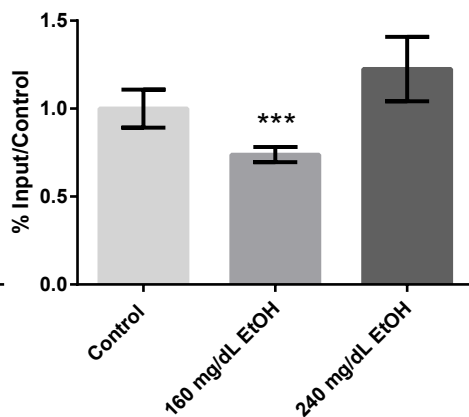
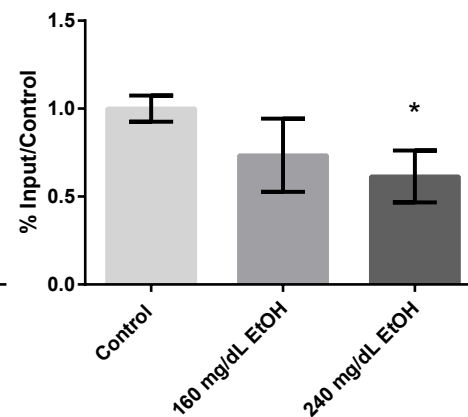
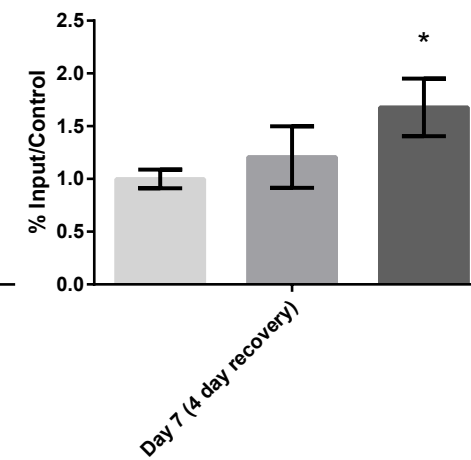
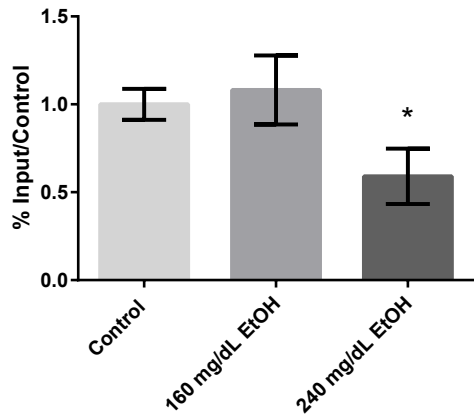
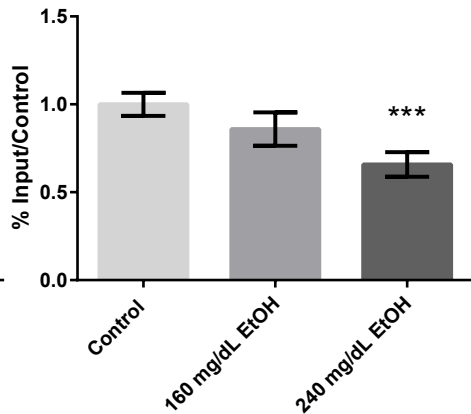
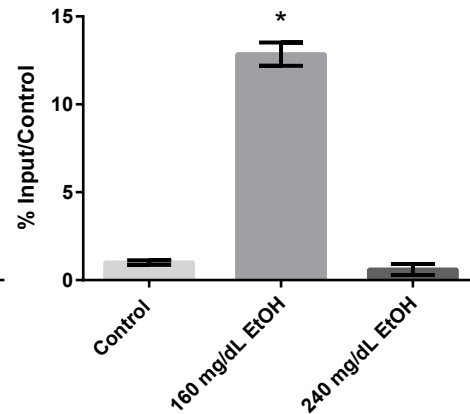
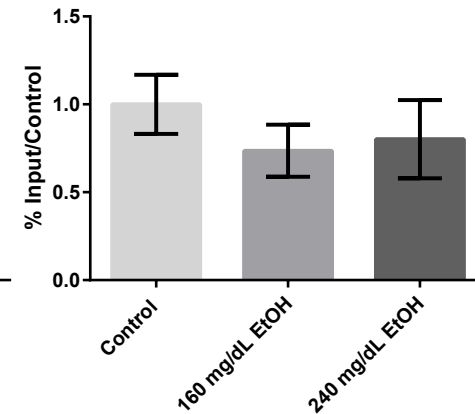
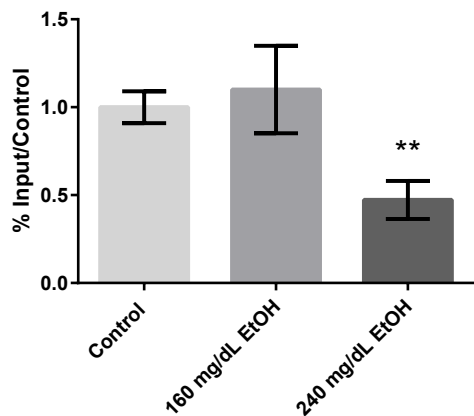
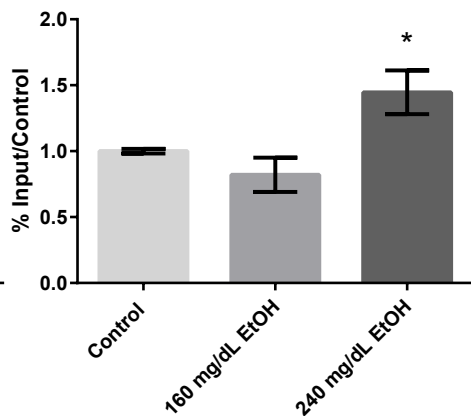
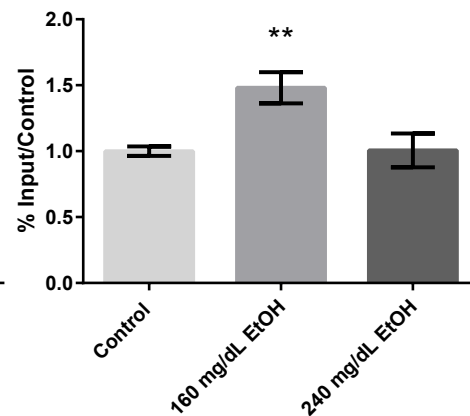
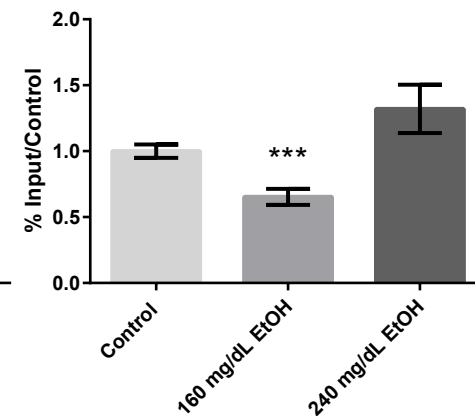


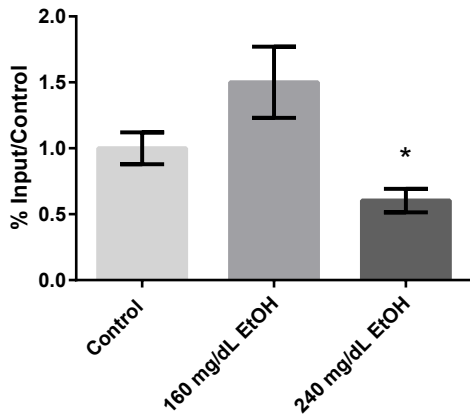
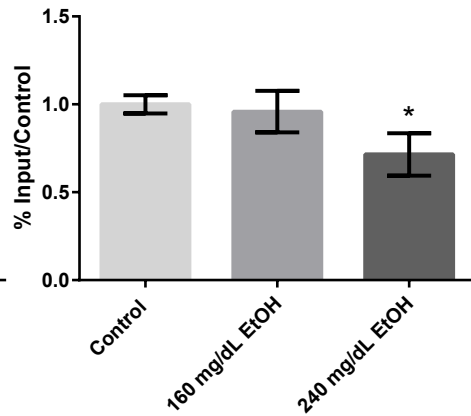
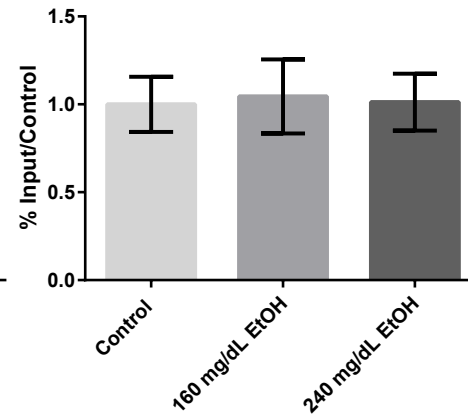
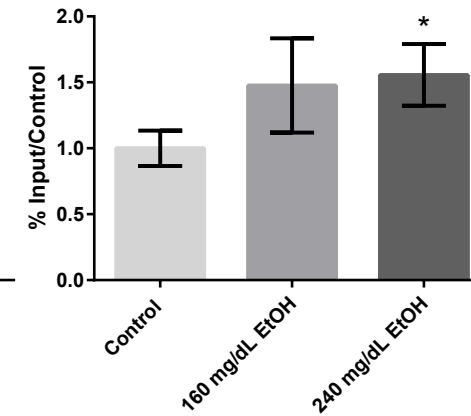
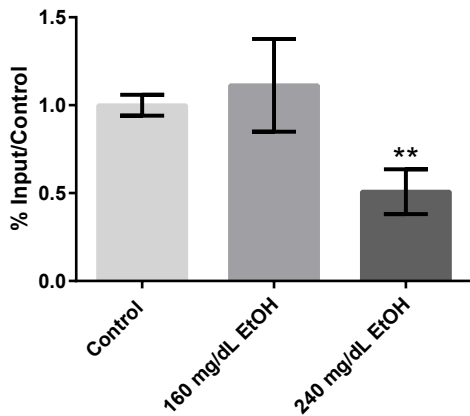
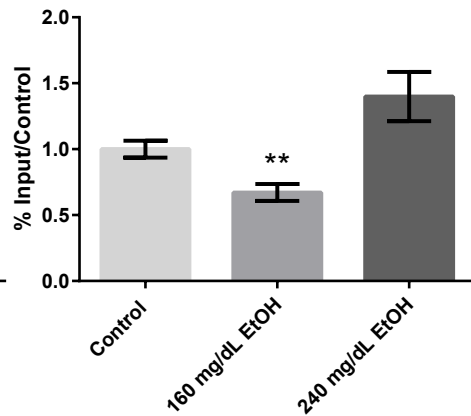
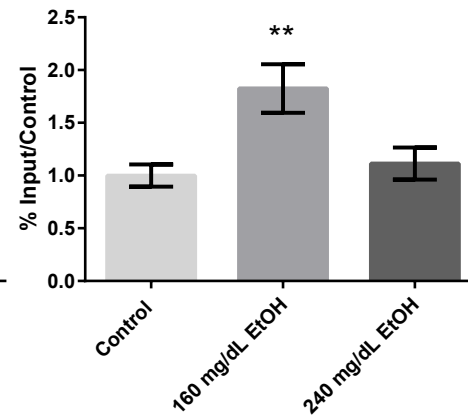
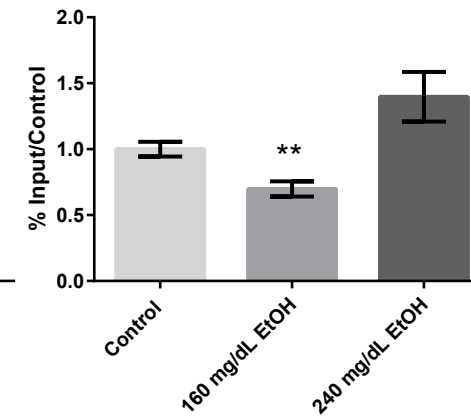
Additional Figure 1

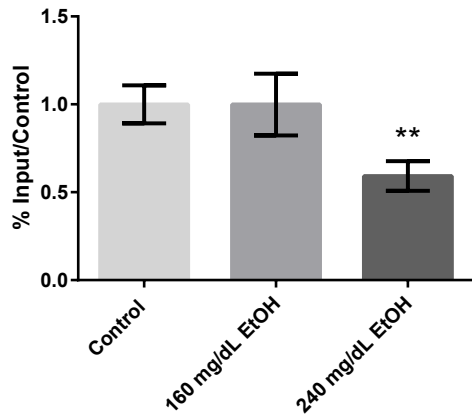
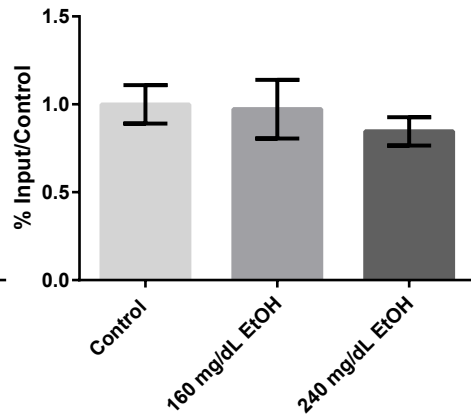
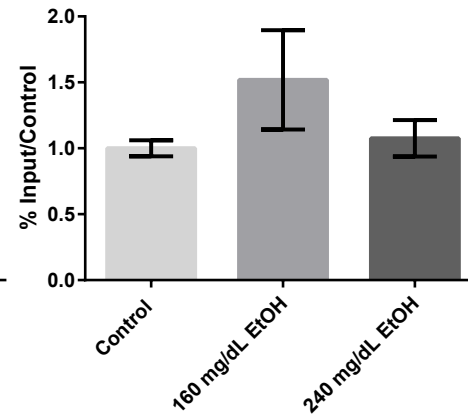
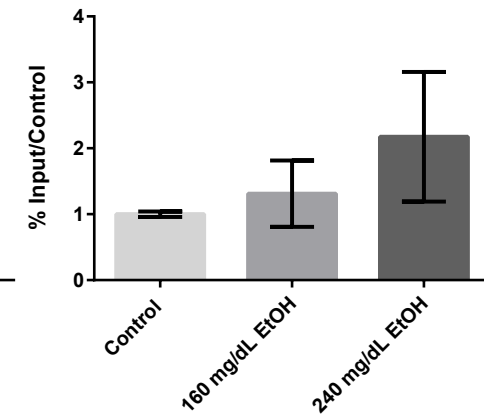
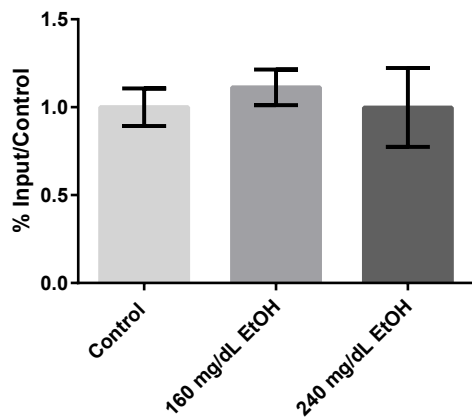
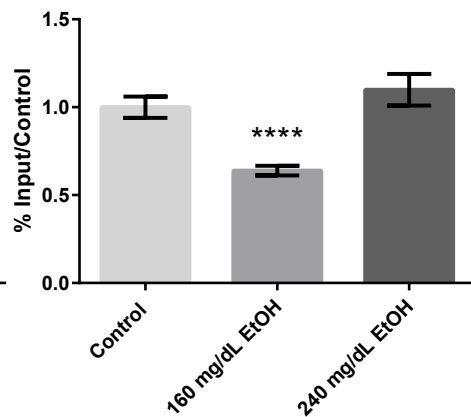
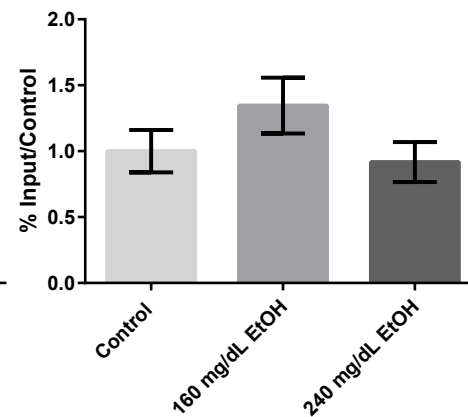
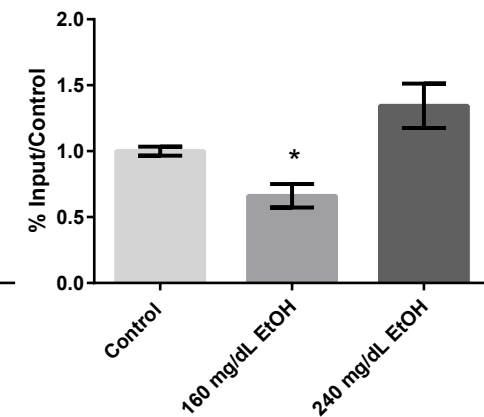
Alcohol-induced epigenetic alterations in H3K4 me3, H3K9 ac, H3K9 me2, and H3K27 me3 in primary fetal cerebral cortical neuroepithelial stem cells. Stem cells were cultured in the presence of 160 mg/dL or 240 mg/dL EtOH for 3 days, followed by a 4 day recovery in medium lacking EtOH. Samples were collected at days 3 and 7, and examined for changes in the indicated post-translational histone modifications using chromatin immunoprecipitation followed by quantitative PCR (ChIP-qPCR). Primers were designed to fall within 250 base pairs of the transcriptional start site. Results are graphed relative to the control. Within the 3 separate biological replicates (N=3), 3 ChIPs were performed, and 2 qPCR replicates performed on each independent ChIP. Statistical measures were conducted using the Wilcoxon Signed Rank nonparametric test. *p<0.05; **p<0.01; ***p<0.001; ****p<0.0001.

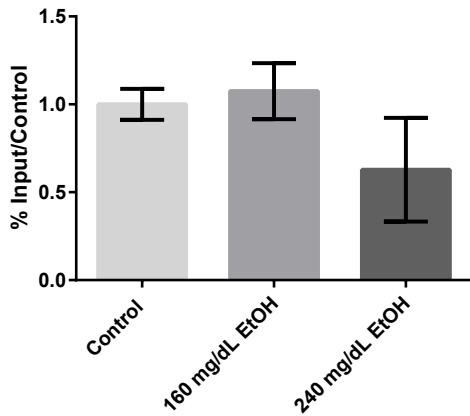
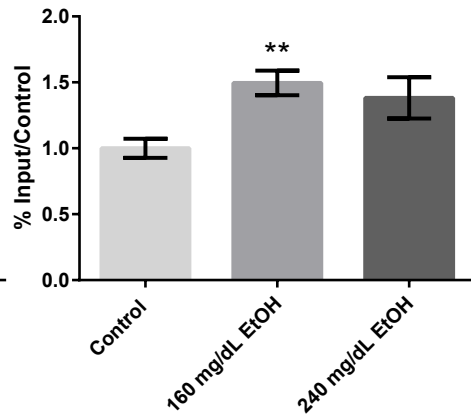
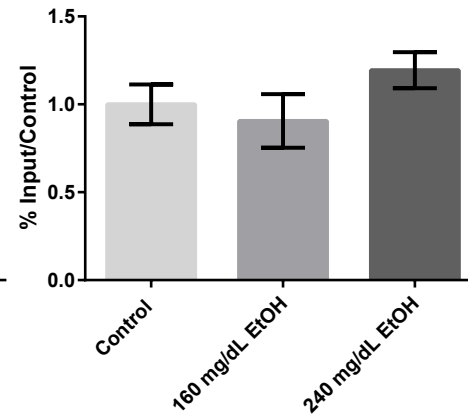
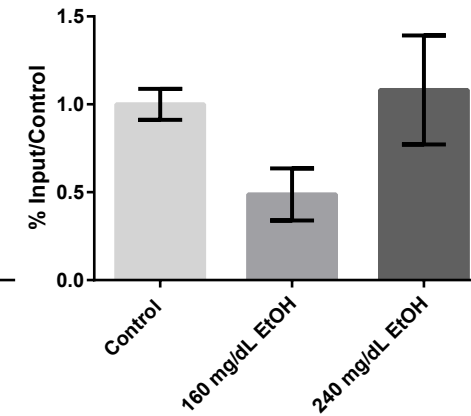
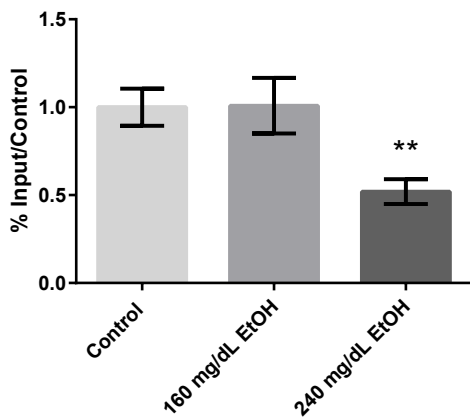
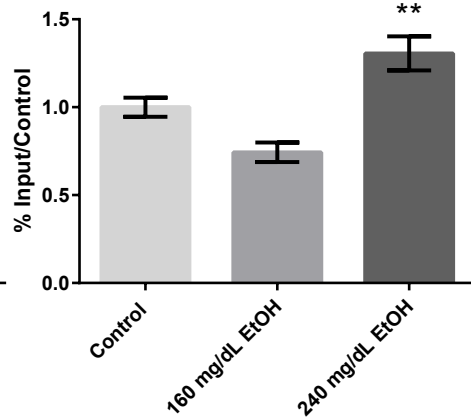
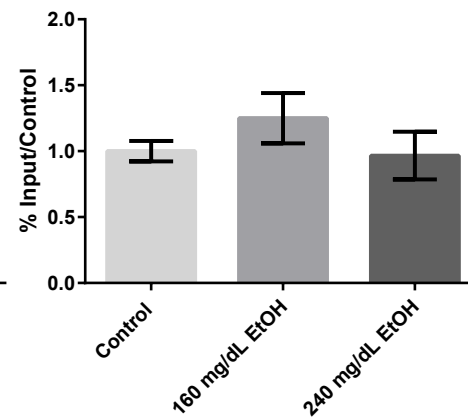
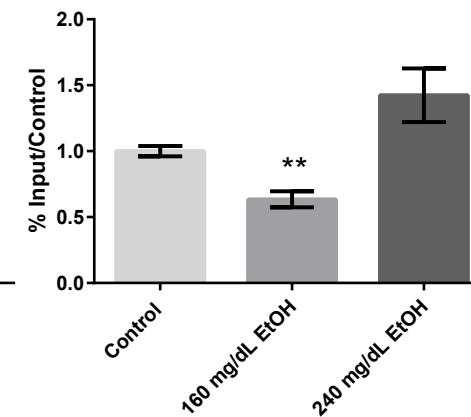
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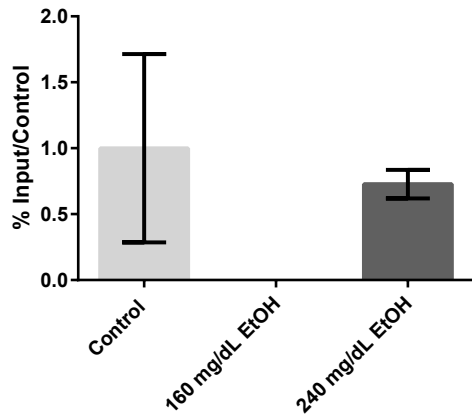
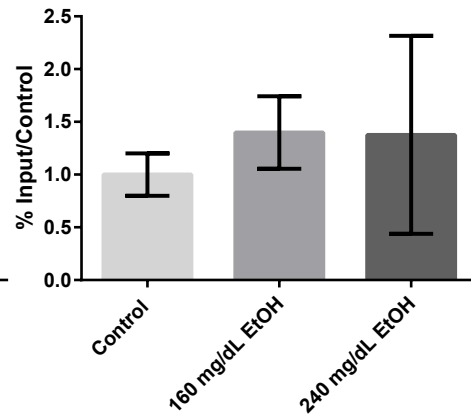
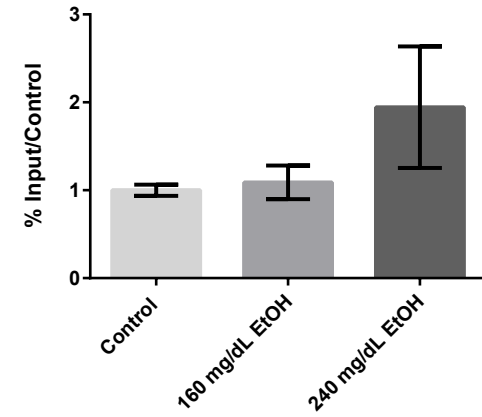
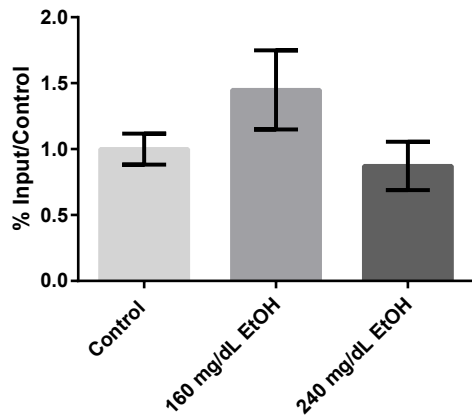
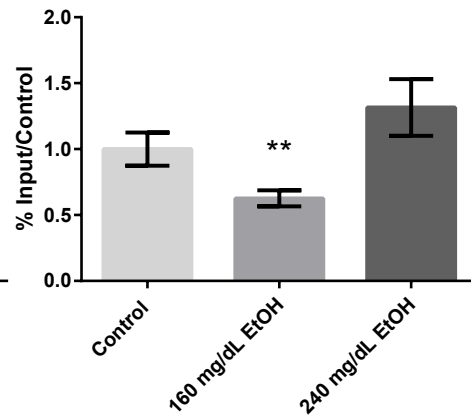
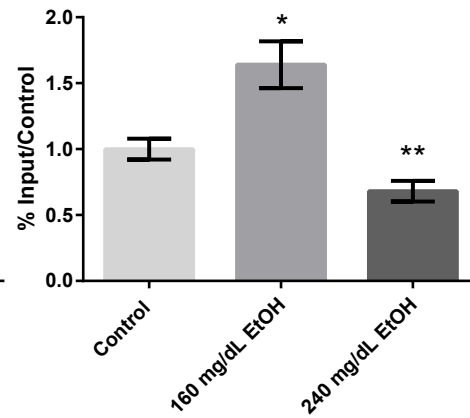
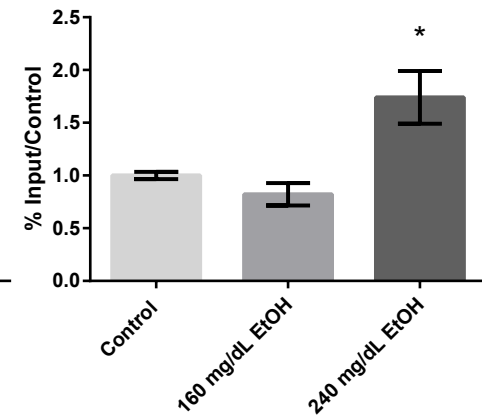
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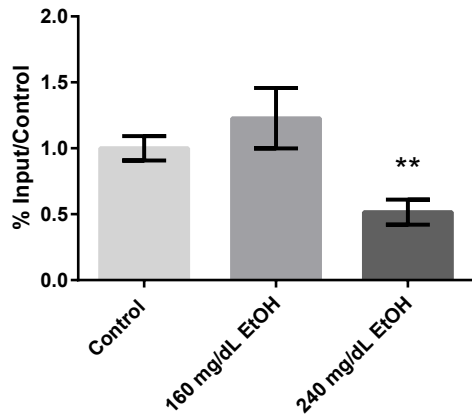
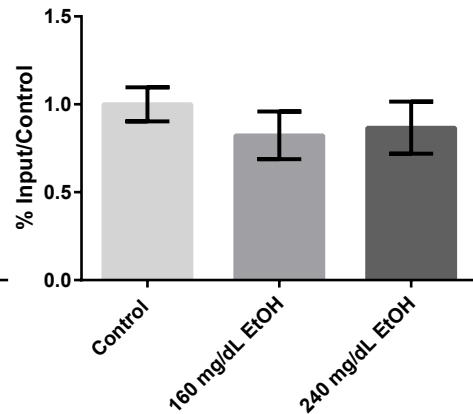
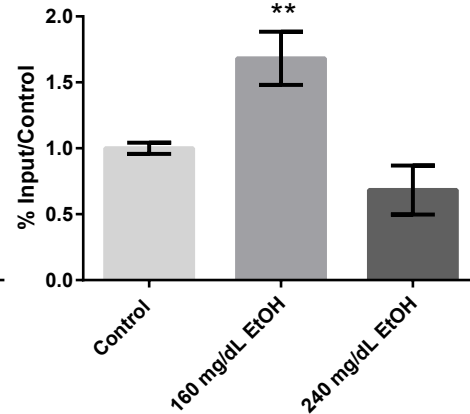
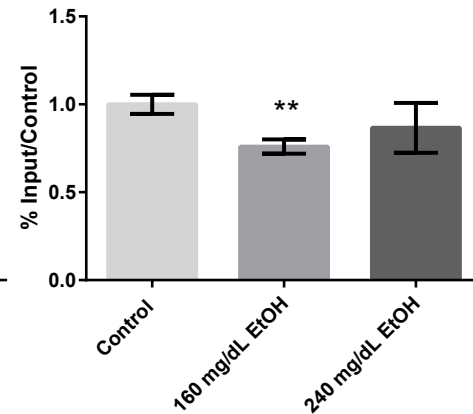
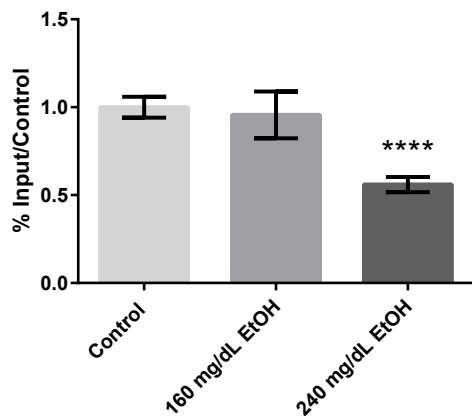
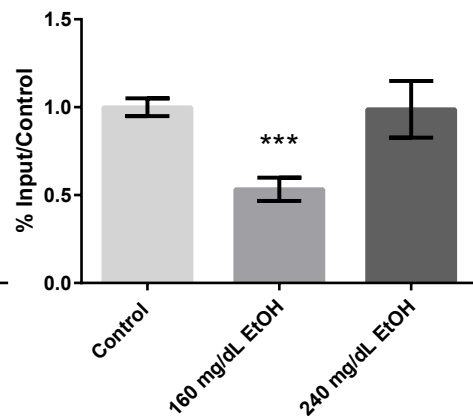
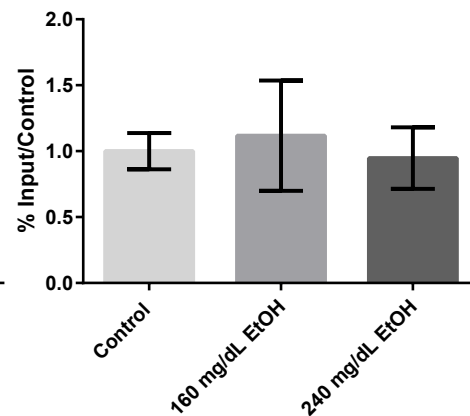
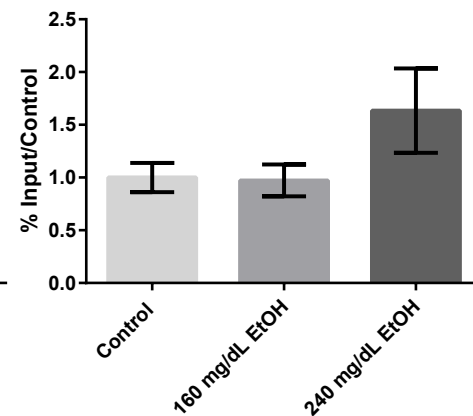
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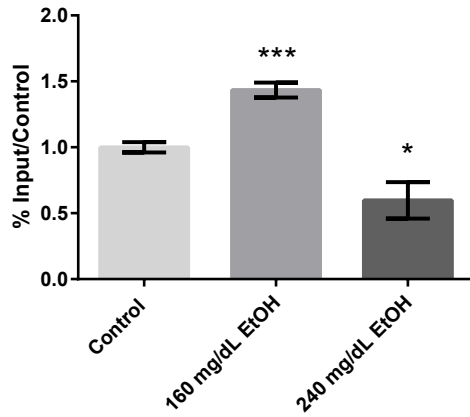
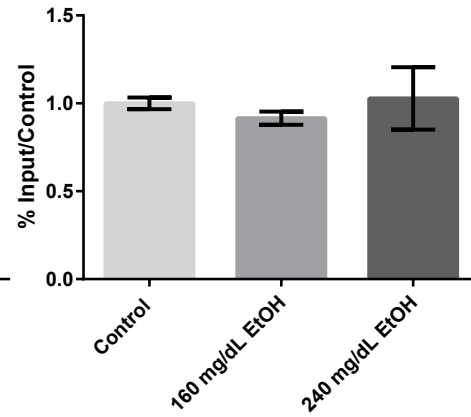
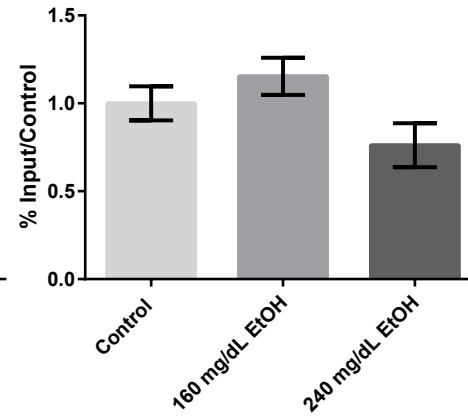
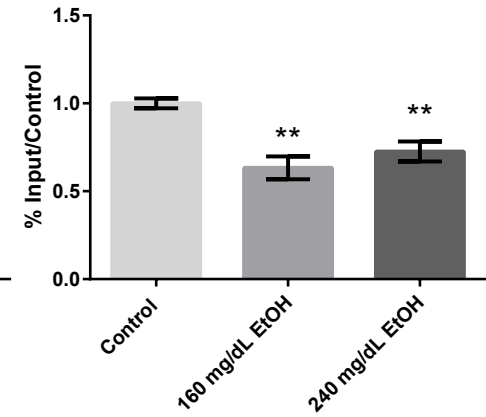
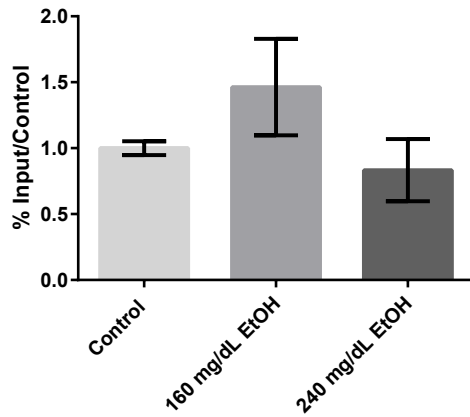
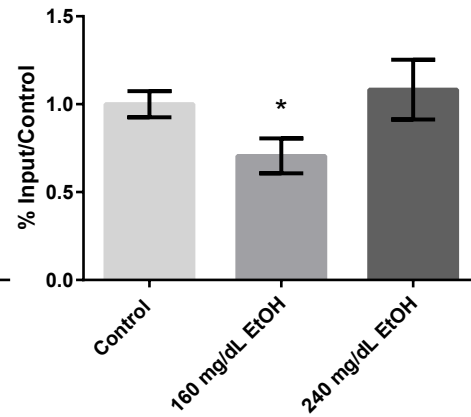
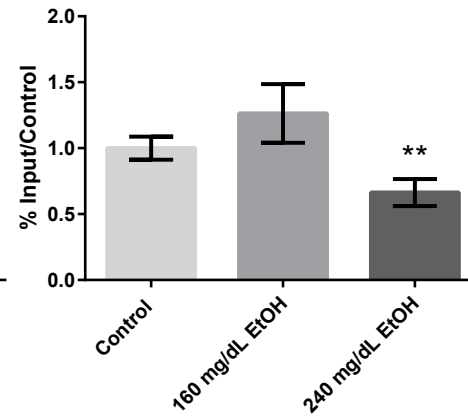
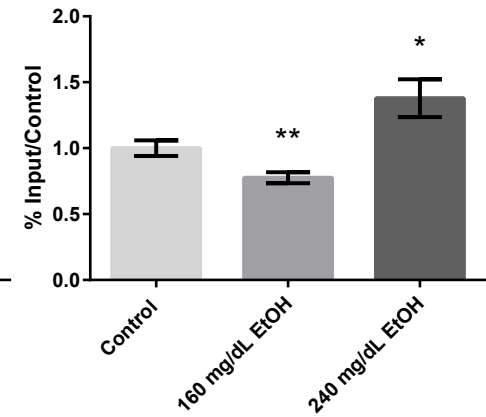
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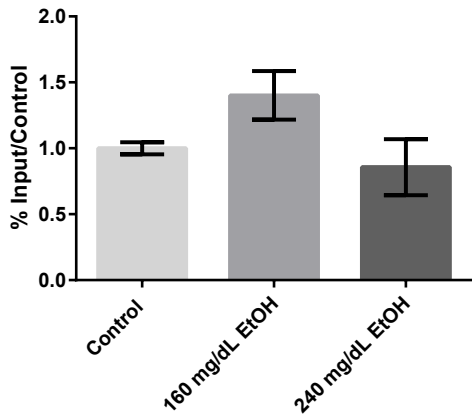
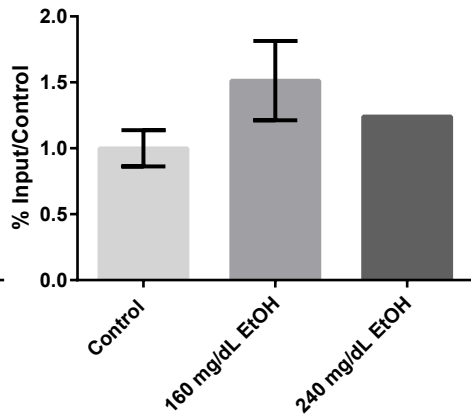
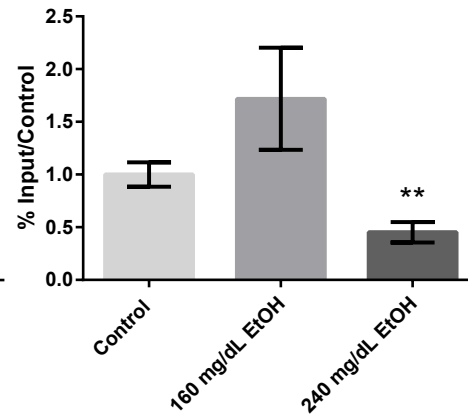
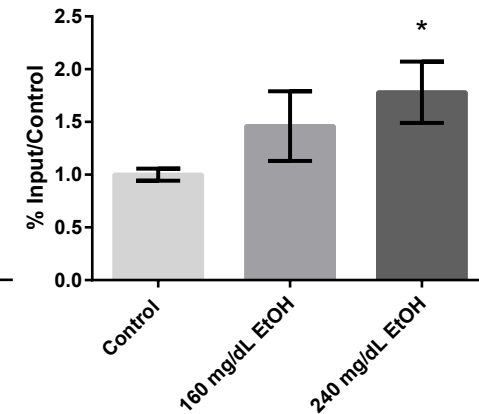
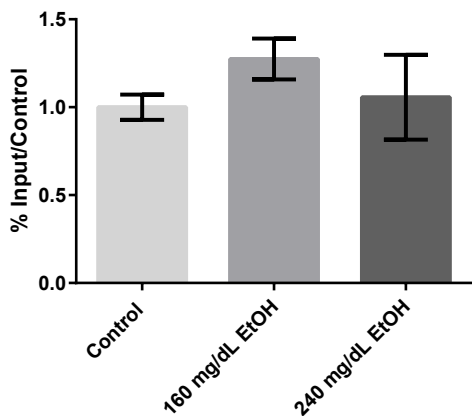
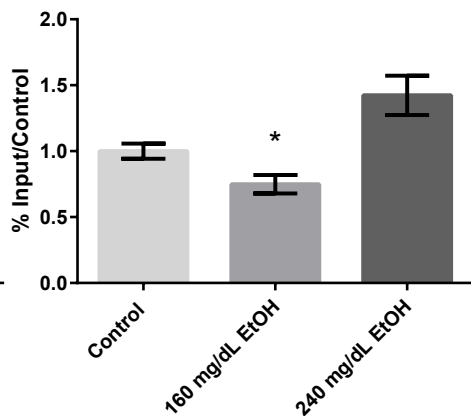
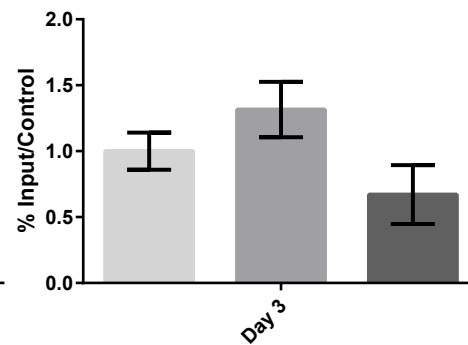
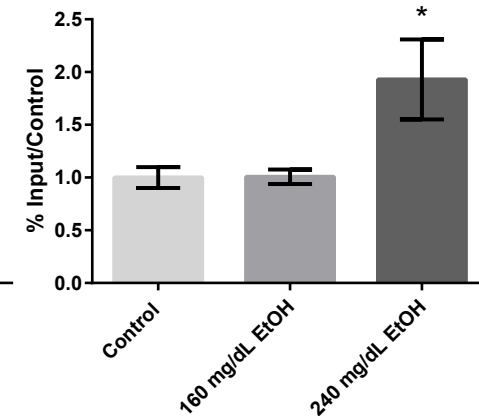
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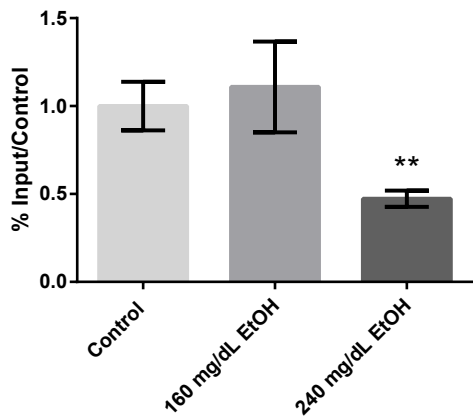
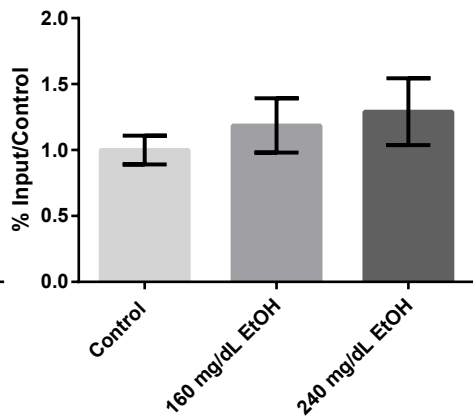
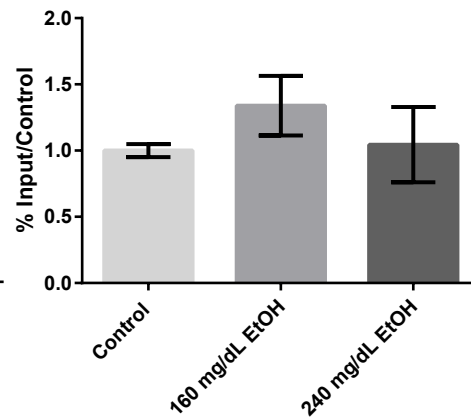
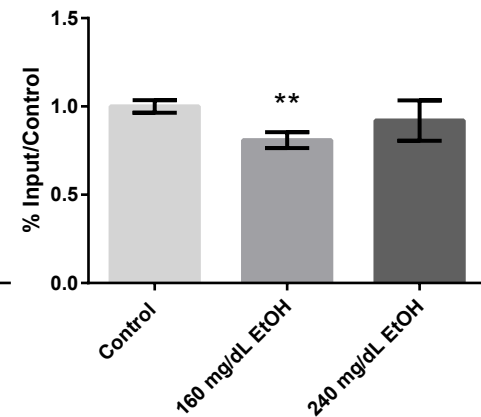
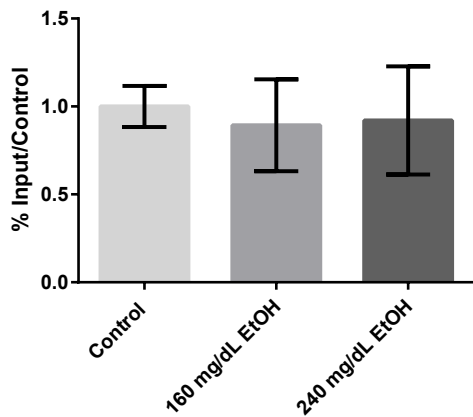
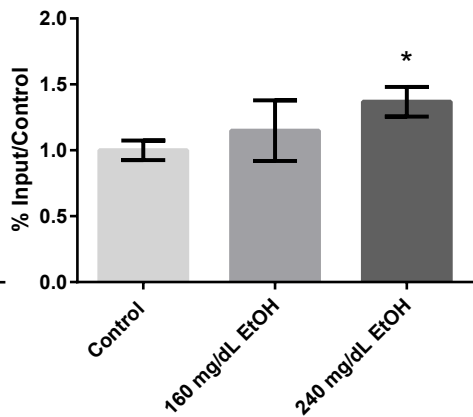
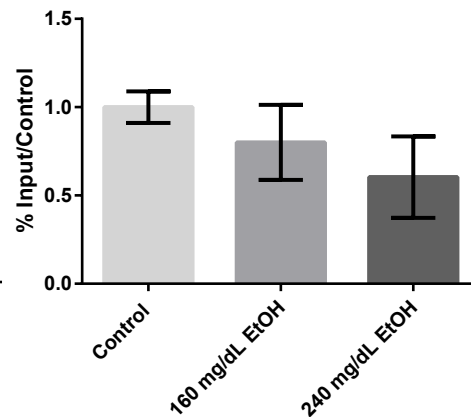
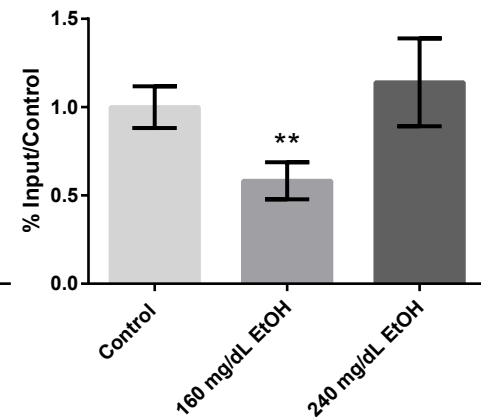
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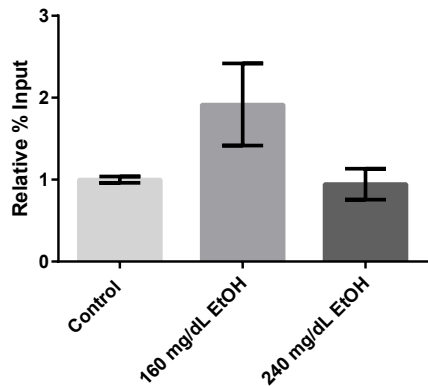
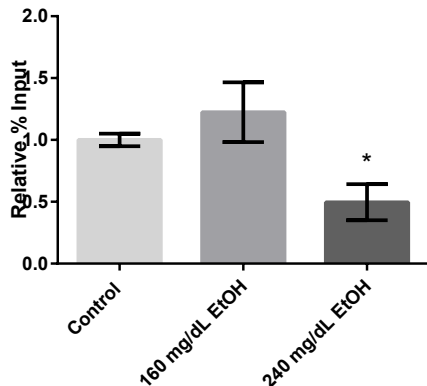
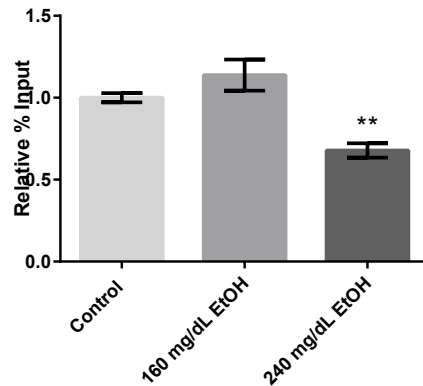
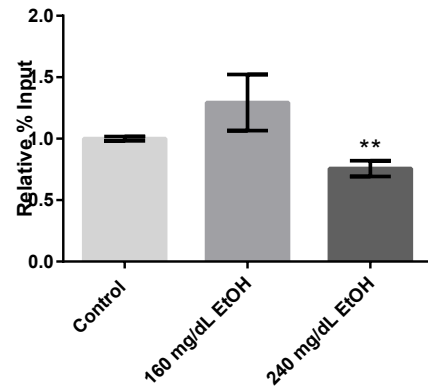
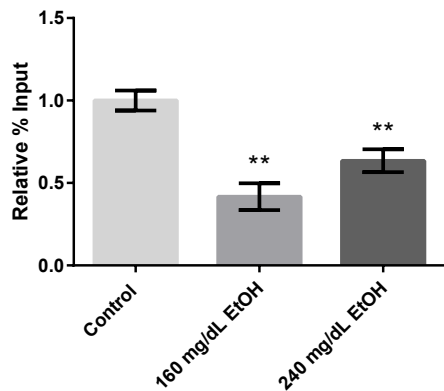
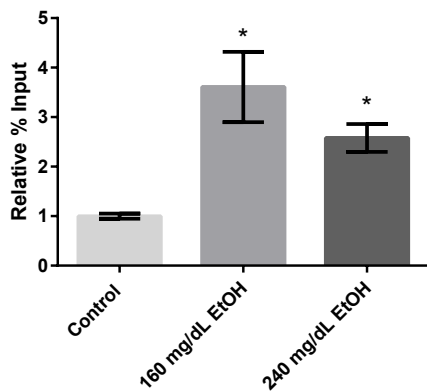
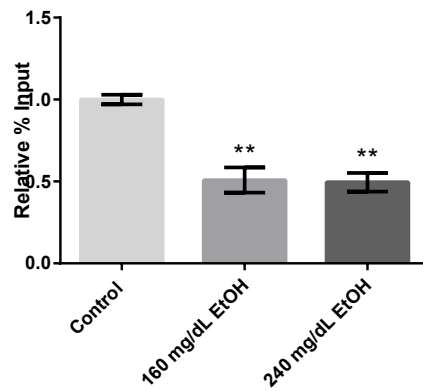
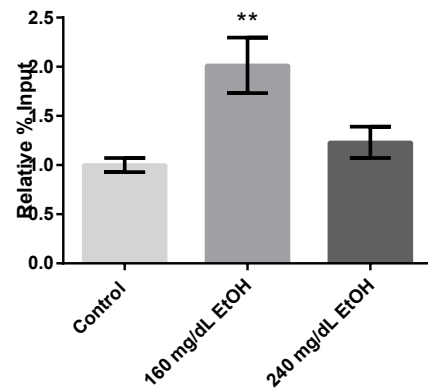
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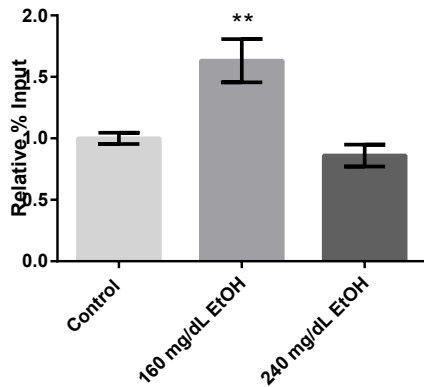
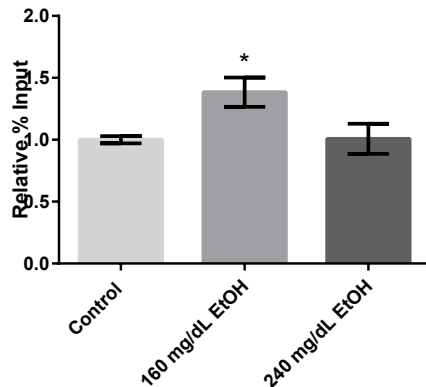
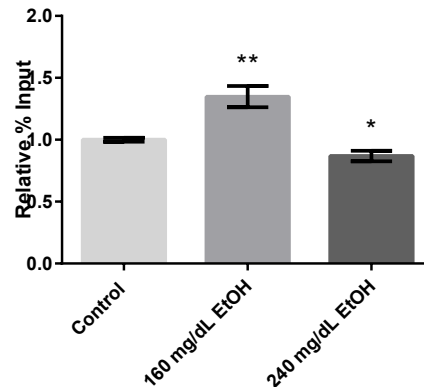
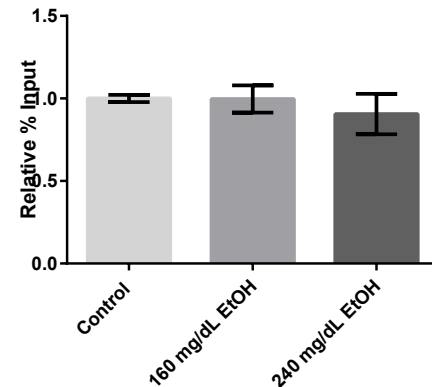
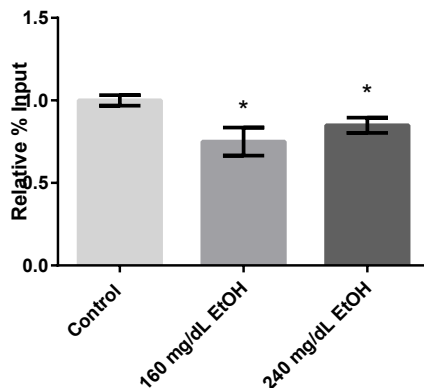
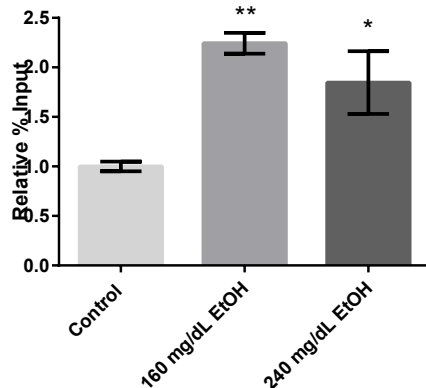
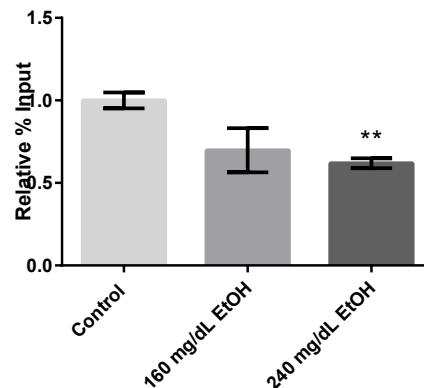
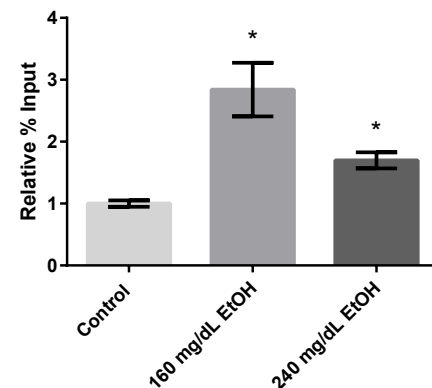
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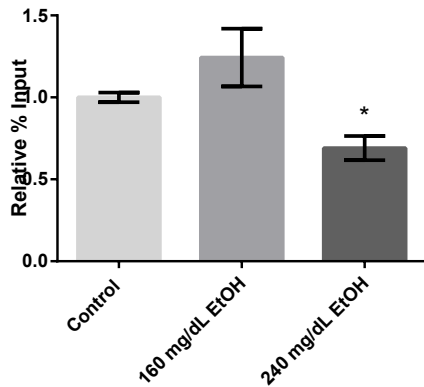
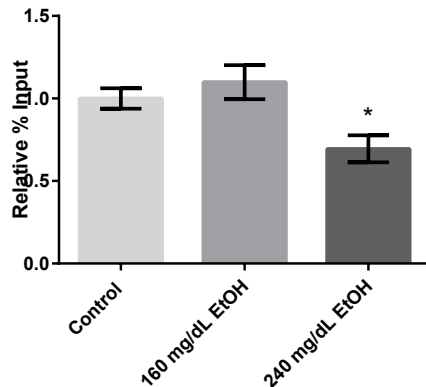
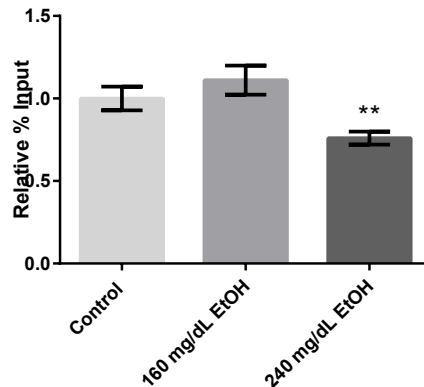
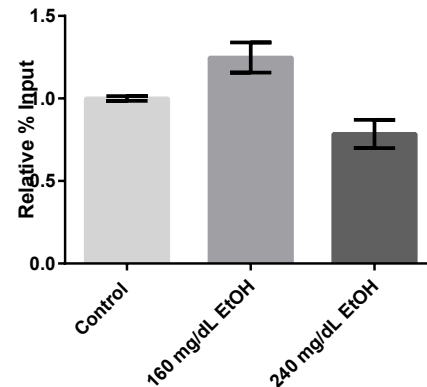
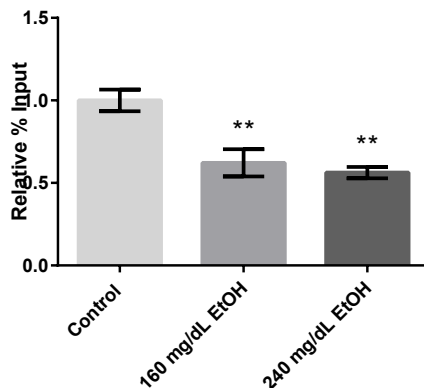
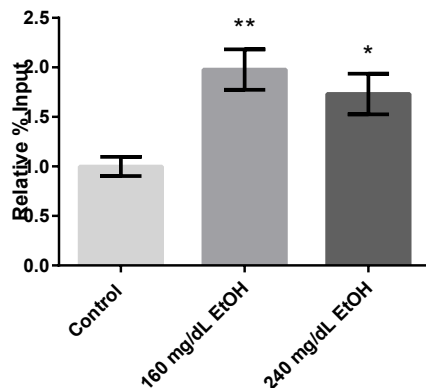
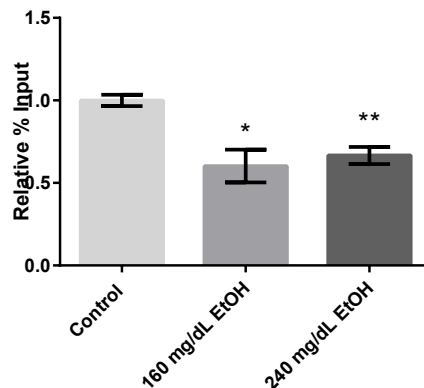
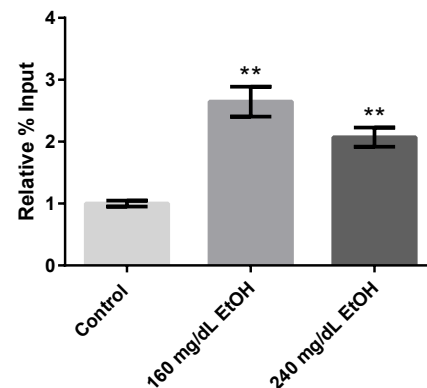
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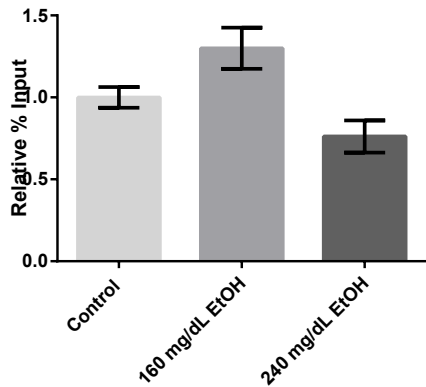
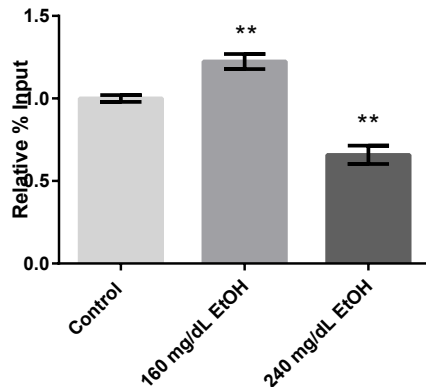
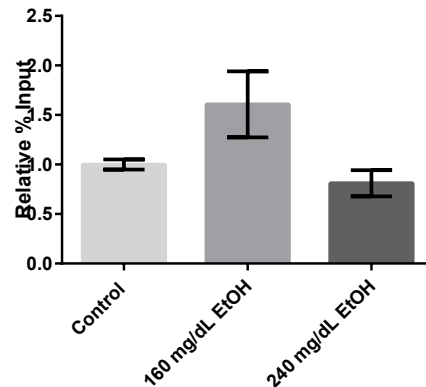
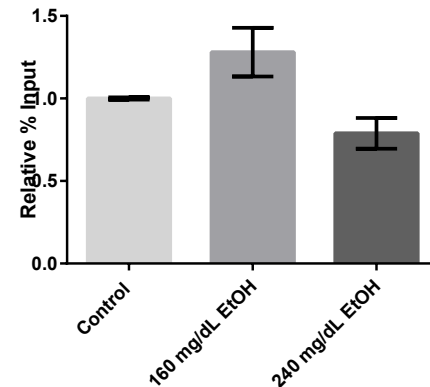
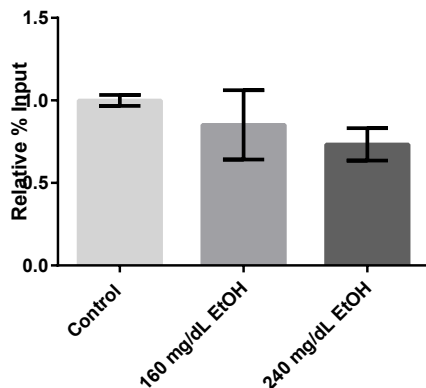
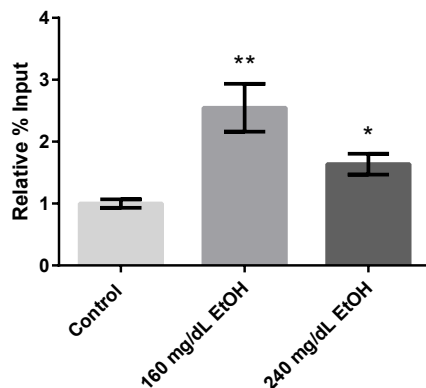
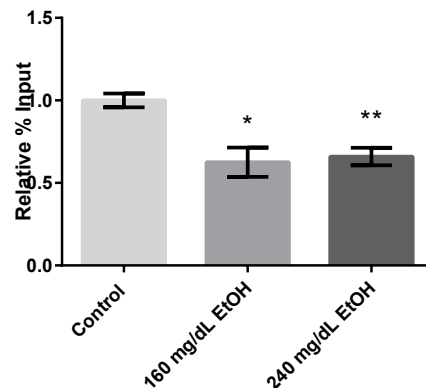
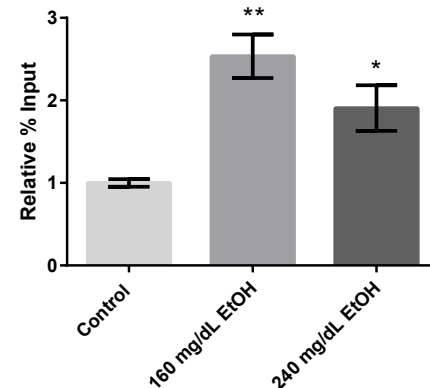
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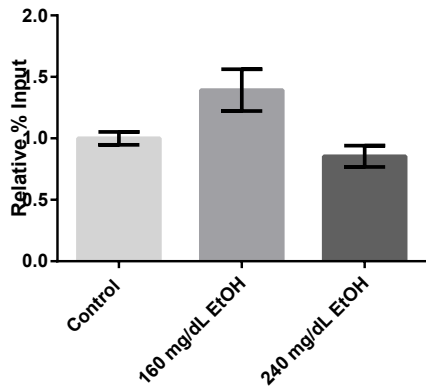
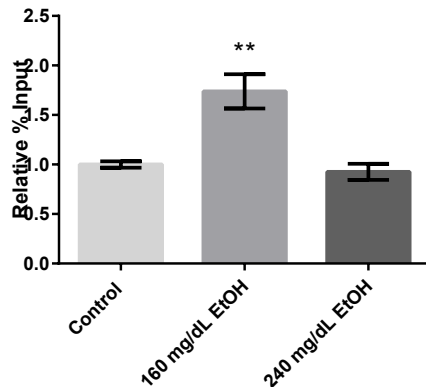
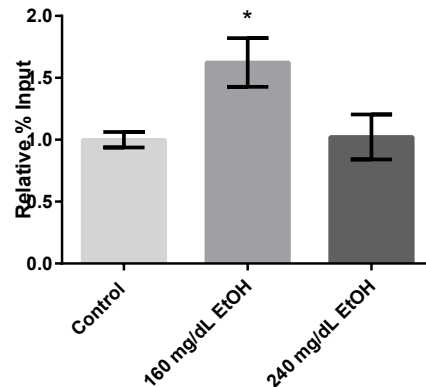
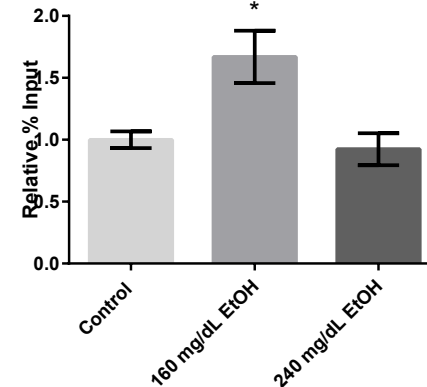
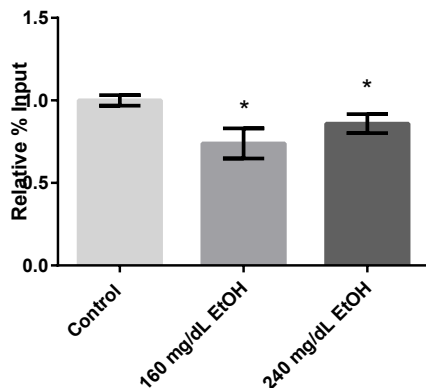
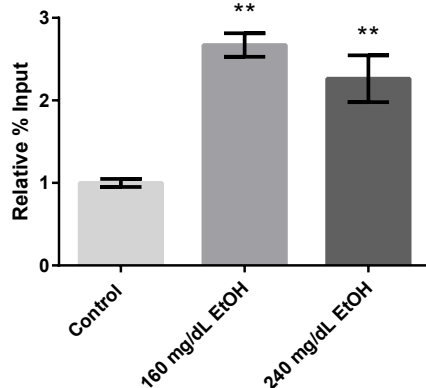
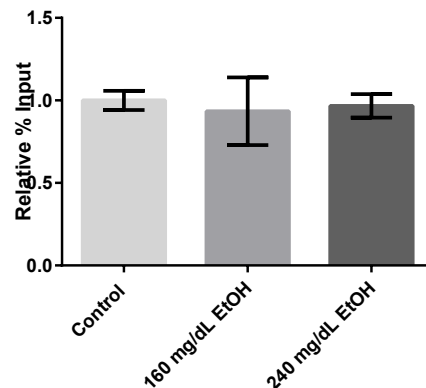
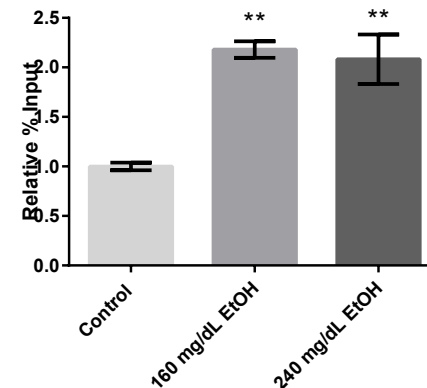
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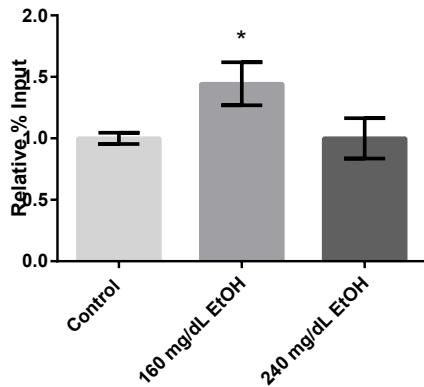
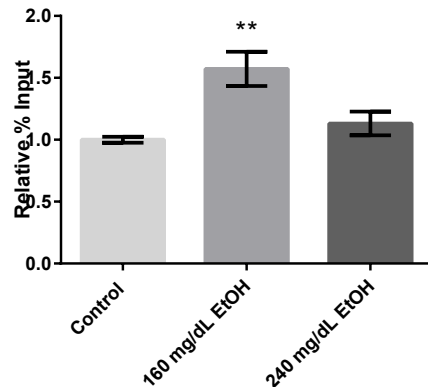
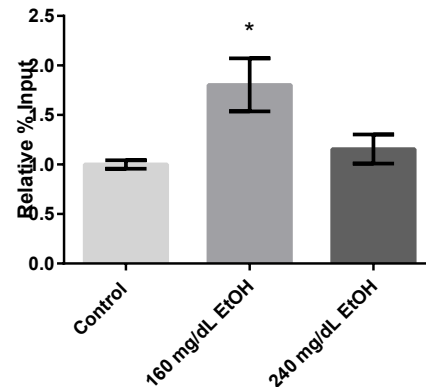
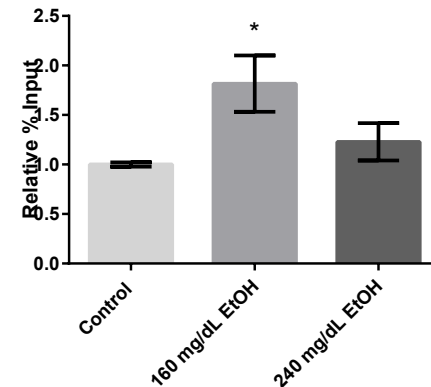
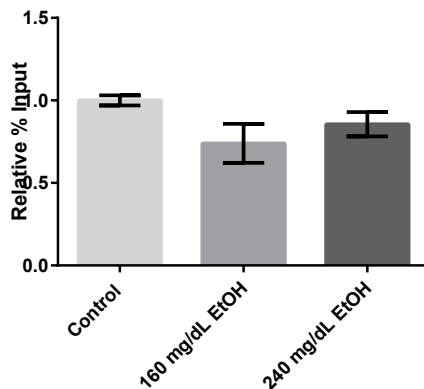
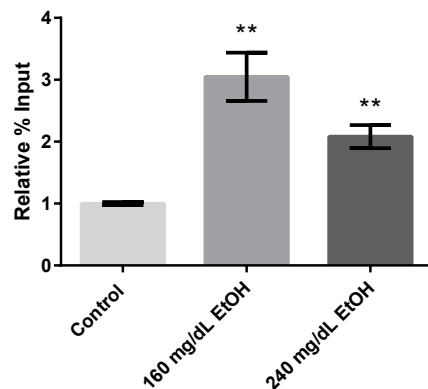
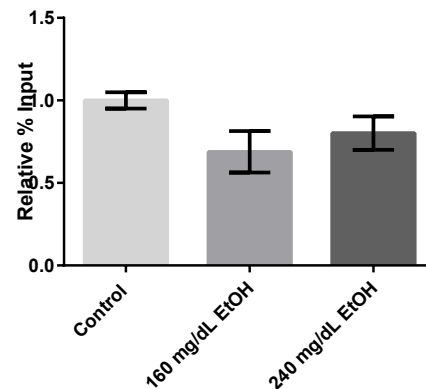
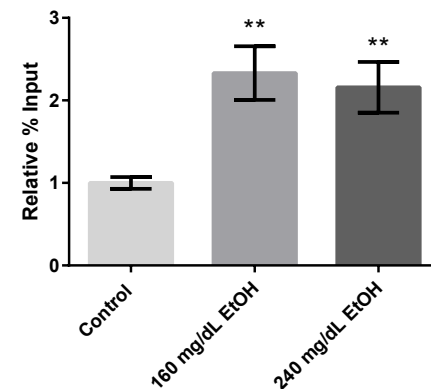
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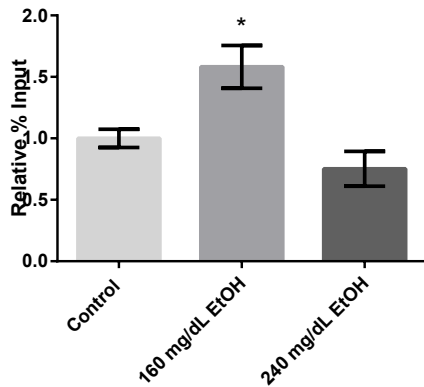
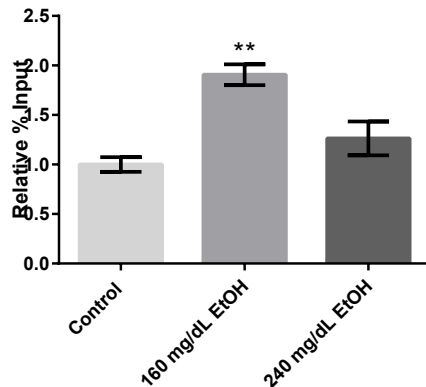
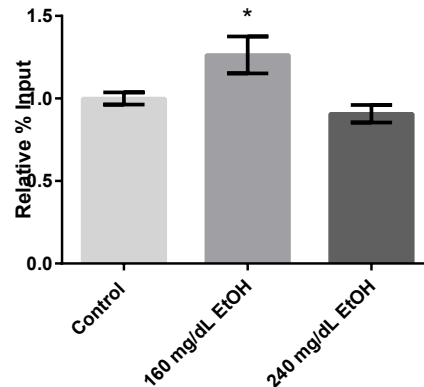
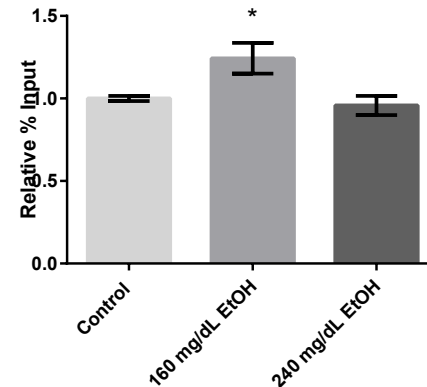
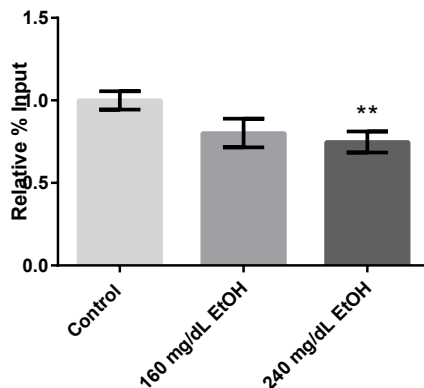
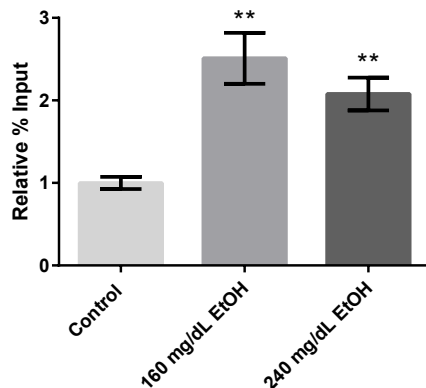
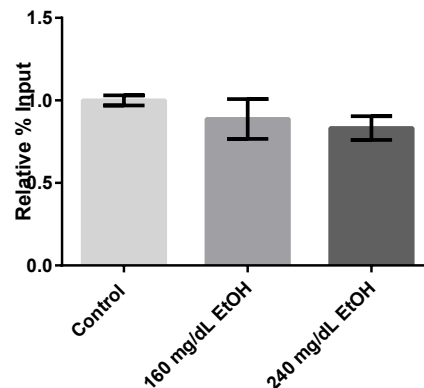
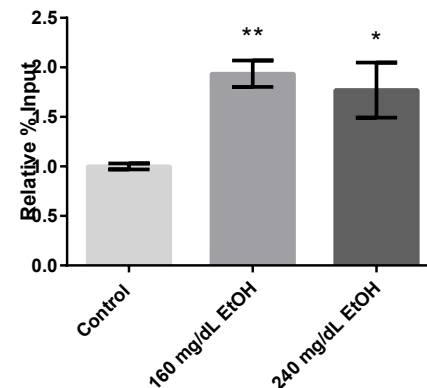
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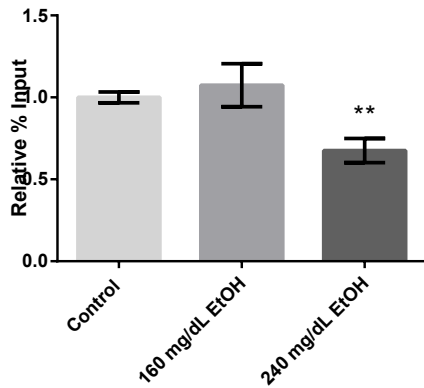
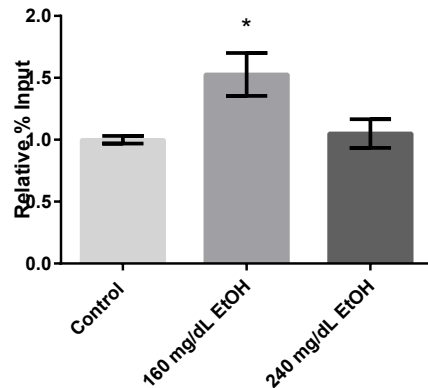
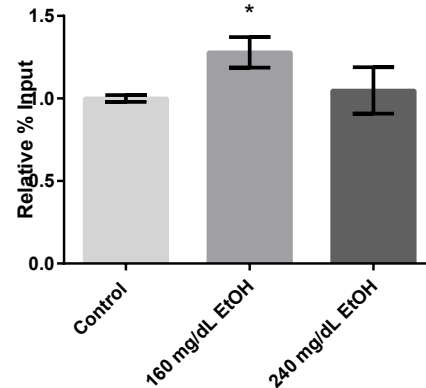
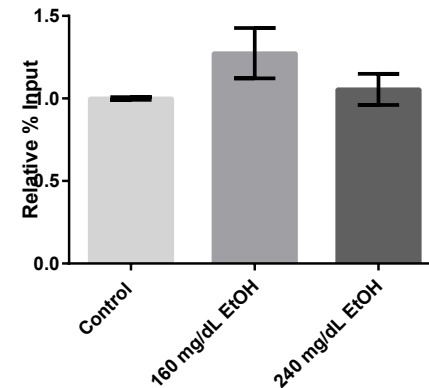
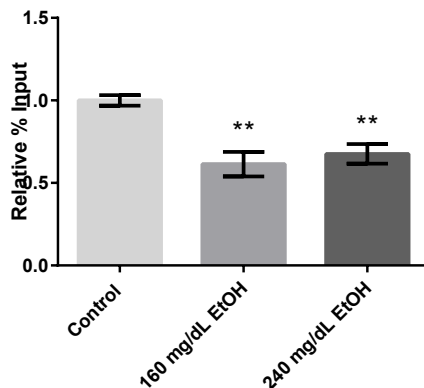
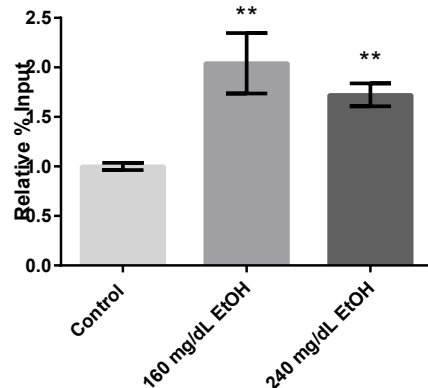
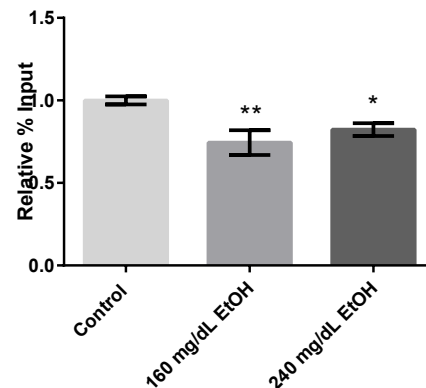
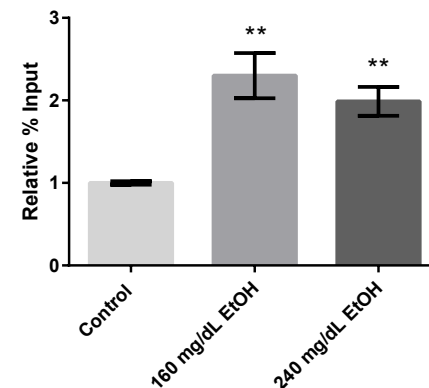
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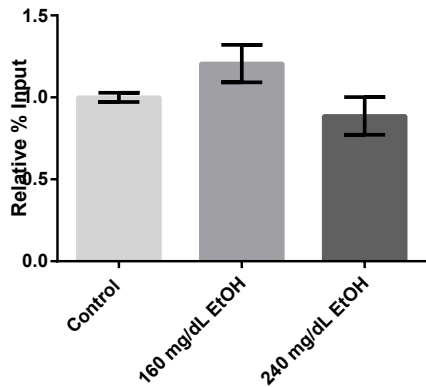
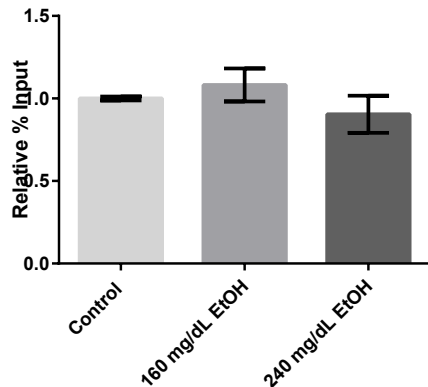
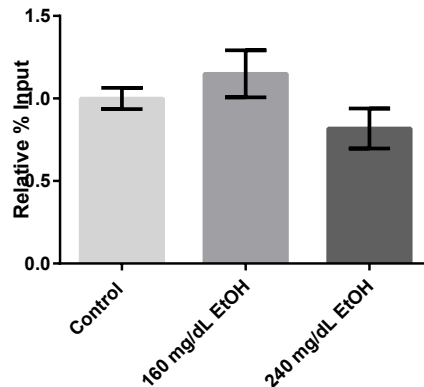
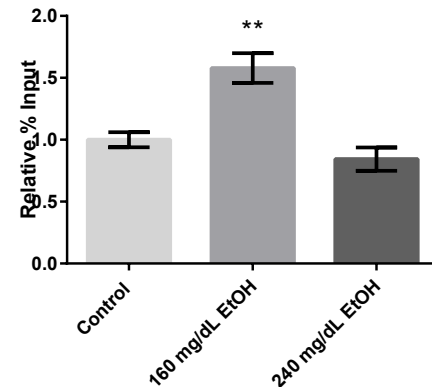
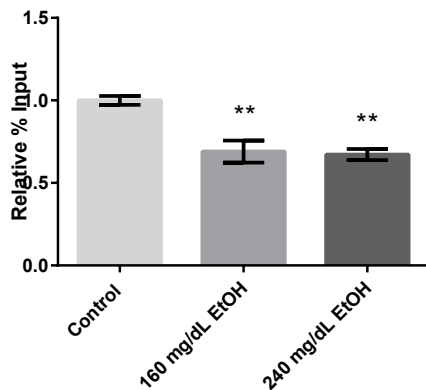
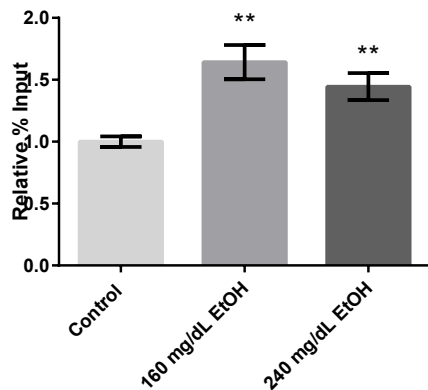
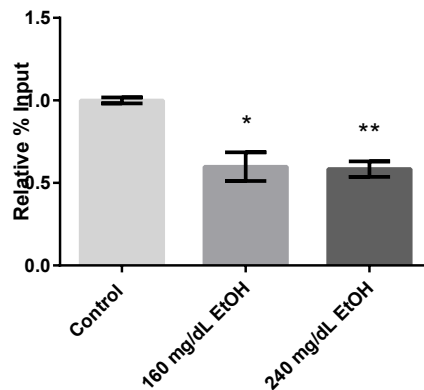
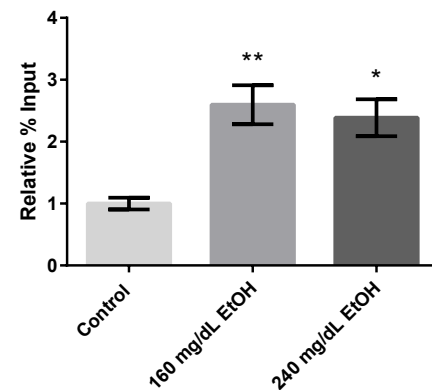
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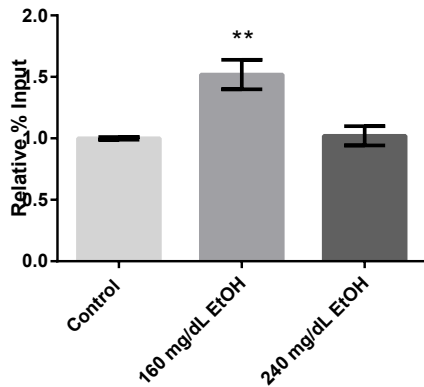
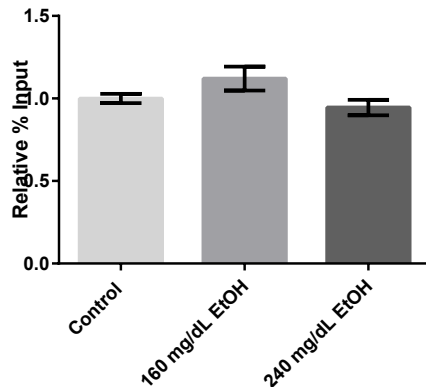
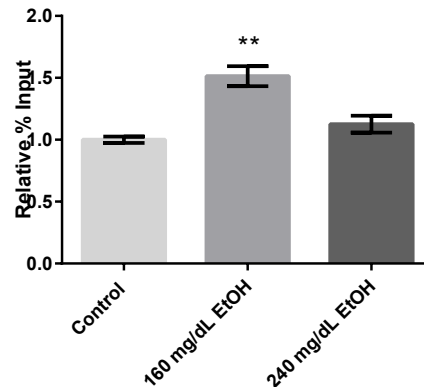
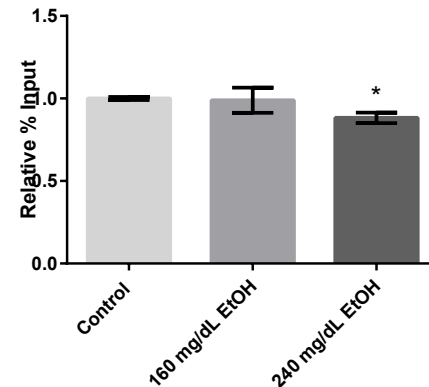
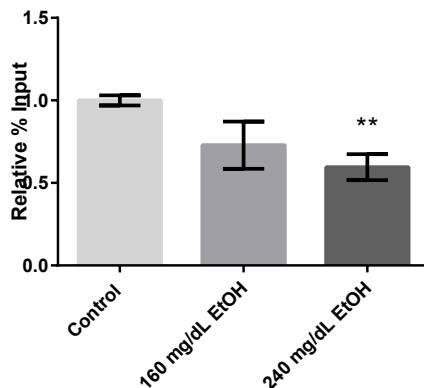
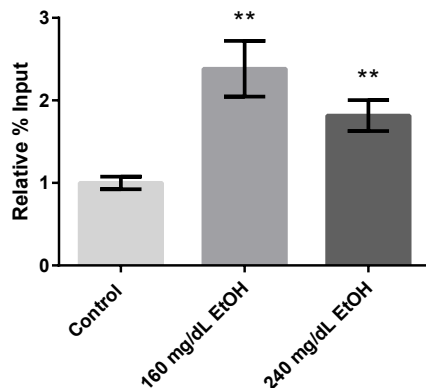
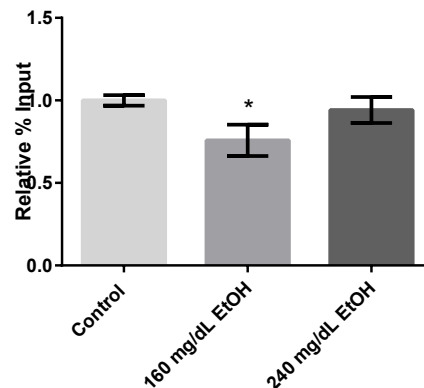
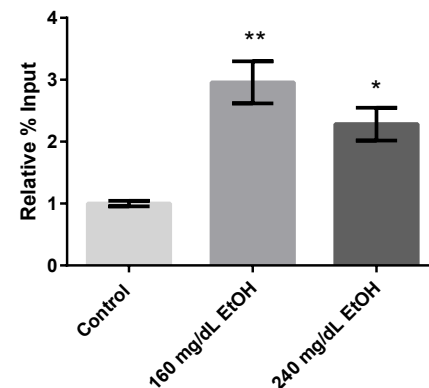
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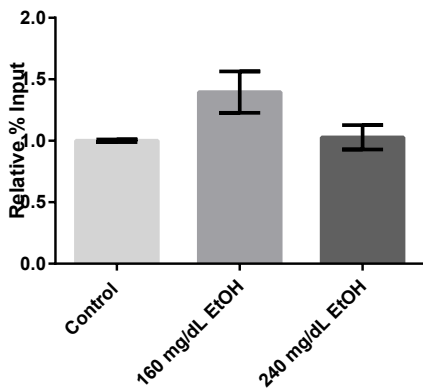
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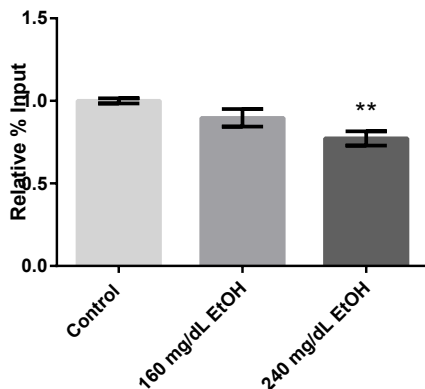
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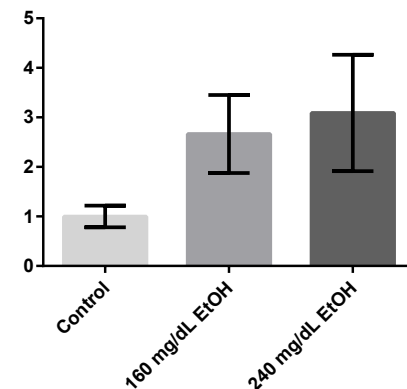
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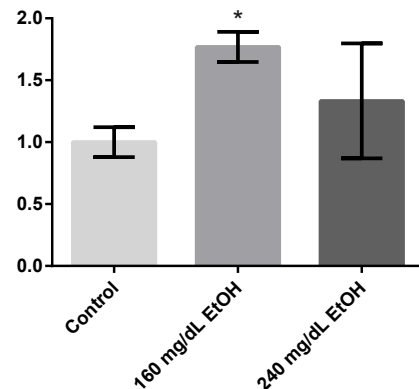
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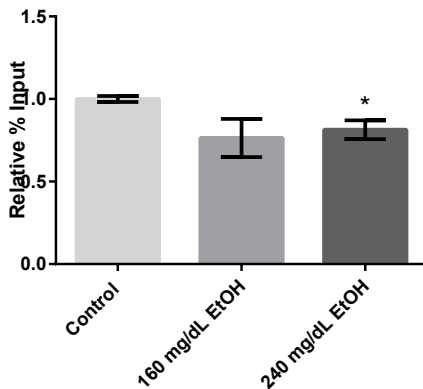
D3 Pax6 H3K9ac



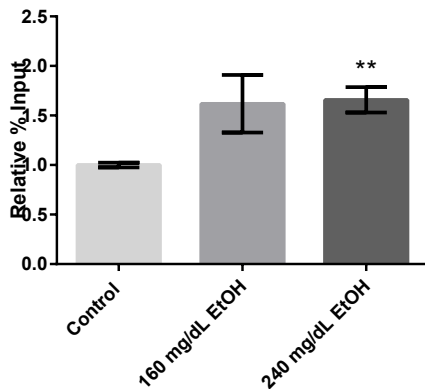
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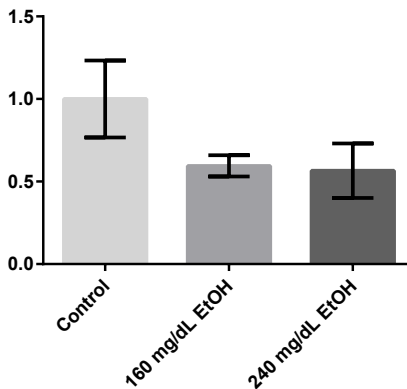
D3 Vdr H3K9di



D7 Vdr H3K9di



D3 Pax6 H3K9di



D7 Pax6 H3K9di

