



Figure 2: Products recovered from total small RNA using biotinylated oligonucleotides complementary to the SL and U4 RNAs.

A virtual gel from an Agilent Bioanalyzer small RNA kit is shown with the size standard in lane 1. SL (Lane 3) and U4 (Lane 6) containing sequences from a small RNA fraction (<200 bases, Lane 2) were retrieved using biotinylated oligonucleotides complementary to either SL or U4 RNA giving a major band at 64 and 69 bases, respectively. Small RNAs with sequence complementary to the SL were subsequently treated with T2 RNase (Lane 4) yielding a 22 base putative SL sequence and subsequent degradation products plus some larger fragments. RNAs from the >200 base fraction were also pulled down with the SL oligonucleotide and treated with RNase A (Lane 5) yielding a 22 base putative SL and some minor products at larger sizes.