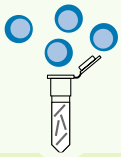
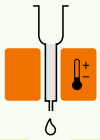
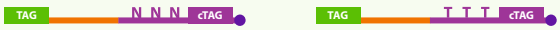
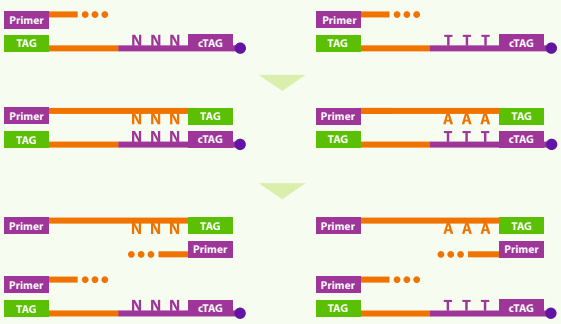
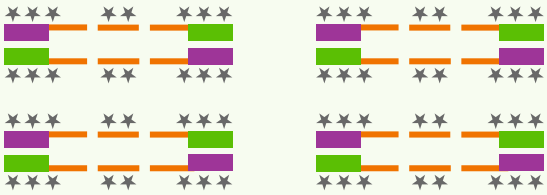
Principle of SuperAmp™ Technology

25 min		Lysis of cells or tissue using Lysis/Binding Buffer
0 min		Addition of µMACS™ SuperAmp™ MicroBeads and mRNA binding
5 min		Application of lysate to a µ Column placed in a thermoMACS™ Separator and washing of mRNA
1 h 10 min		In-column synthesis of uniform-sized cDNA fragments
1 h 30 min		Tailing of cDNA
4 h		Single-primer PCR amplification and purification of cDNA
3 h		Klenow labeling with random primer and purification of labeled amplified cDNA
10 h 10 min total	✶ Fluorescent or biotin label; TAG Nucleic acid tag; cTAG Complementary tag	

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