

**A STUDY ON ISOLATION AND PURIFICATION OF THE GENE EUKARYOTIC
VECTOR VR1012 OF S_j28GST AND S_j23 *SCHISTOSOMA JAPONICUM***

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Abstract: The gene encoding S_j28GST and S_j23 (membrane protein) antigens of *Schistosoma Japonicum*(Chinese strain) was inserted into eukaryotic vector VR1012, then transected bacterium TG1. With this method to extrust plasmid DNA, the results indicated that the DNA yield of S_j28 and S_j23 detained 292.158μg/ml and 344.295μg/ml respectively. This method of isolation and purification product is simple,high pure and stable .

Key words: *Schistosoma Japonicum*(Chinese strain), S_j28DNA, S_j23DNA, VR1012, isolation and purification, yield