OBJECTIVES
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The main objectives of the present study are the following:

1) To investigate physicochemical characteristics of honeys collected from various regions of West Bengal, India.
2) To evaluate \textit{in vitro} antioxidative activities of the honey samples.
3) To separate and identify the phenolic compounds particularly phenolic acid and flavonoids present in the honeys.
4) To determine antibacterial activity of honey against some common gastrointestinal pathogenic bacteria.
5) To elucidate plasmid DNA degradation ability of honey using agarose gel electrophoresis.
6) To find out the growth promoting activity of honey on probiotic bacteria.
7) To illustrate anti-inflammatory activity of honey.
8) To study the effect of storage on \textit{in vitro} antioxidative capacities of honeys.