

**The study of bioavailability of clindinium-C in comparison with librax
Chalak-Aram**

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Clindinium-c is a combination drug composed of clidinium bromide and chlordiazepoxide. It is used mainly for the treatment of GI tract disorders. In this study, a new extraction and a high performance liquid chromatographic methods for the simultaneous quantitation of clidinium and chlordiazepoxide in serum was developed. This new quantitation method was applied to the bioavailability study of two clidinium-c preparation: one from Hakim pharmaceutical company and one from Roche pharmaceutical company. It was found that the two preparation was bioequivalent.