

**Production of *equine* Chorionic Gonadotrophin (eCG) Frozen Dry  
from Horses Pregnant Mares Sera.**

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**ABSTRACT**

The aim of this research was to produce eCG from the pregnant mares sera. This study identified eCG by conformation of the glycoprotein characteristic. the pregnant mares sera were collected from 4 horses. The protein filtrated by using sephadex G-100. The result of SDS-PAGE with protein bands ranged between **65, 55 and 28 kDa** and continued of western blot and dot blot revealed immunorectivity by monoclonal antibody of eCG of the **55 kDa bands**. The cocentration of eCG **5.12501 mIU/ml** by indirect elisa

The result of product *eCG* it can be *frozen dry eCG*.

**Key word : Pregnant mares sera, eCG and *frozen dry eCG*.**

**Out Put : International seminar on June 2012**