

Characterization of a Testis Specific Antigen in the Mouse

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Summary: The partial characterization of a mouse hydrosoluble testis specific protein by crossed immunoelectrophoresis, ion-exchange chromatography and SDS-Page was made. This protein presented a low electrophoretic motility at pH 8.6. It was not adsorbed to DEAE-Sephacel at pH 8.6, but was slightly adsorbed at pH 9.0, while in CM-Sephadex it was readily adsorbed at pH 6.0, indicating the basic nature of this protein. The apparent molecular weight was determined to be of 28 Kd by SDS-Page. The previously reported testis specificity of this protein was corroborated by its absence in a liver extract. Zusammenfassung: Charakterisierung eines hodenspezifischen Antigens in der Maus Es wurde eine Teil-Charakterisierung des wasserlöslichen hodenspezifischen Proteins durch gekreuzte Immunelektrophorese, Ionenaustauschchromatographie und SDS-Page dargestellt. Diese Proteine zeigen eine niedrige Beweglichkeit bei einem pH von 8.6. Es wurde mittels DEAE-Sephacel bei einem pH von 8.6 nicht, aber