

论著

血清LDH同工酶检测在癌症诊断上的应用

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摘要 目的:探索血清乳酸脱氢酶同工酶在恶性肿瘤诊断上的价值。方法:血清乳酸脱氢酶总活力按崔福生介绍的方法。乳酸脱氢酶采用作者改进的琼脂糖凝胶电泳法。结果:癌症患者血清乳酸脱氢酶总活力明显增高,升高幅度为3191%~153186%。同工酶谱则表现为LDH1、LDH2减低和LDH4、LDH5增高趋势,并表现为LDH3明显增高(15188%~54151%)和高阳性率(71143%~93175%)的特征,结论:血清乳酸脱氢酶总活力及其同工酶的检测,对恶性肿瘤的临床诊断有较高的价值。

关键词 [血清](#) [乳酸脱氢酶](#) [癌症](#) [诊断](#)。

APPLICATION OF THE SERUM LACTIC DEHYDROGENASE (LDH) AND ITS ISOENZYMES IN CARCINOMA DIAGNOSIS

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Abstract Purpose : To explore the diagnosis value of serum lactic dehydrogenase and it s isoenzymes in carcimoma. Methods : Examination of LDH was done by CUI Fu - sheng's method and LDH isoenzymes by agar - jelly elect rophoretogramic method. Results : Significant elevation of total LDH activity was seen in all kinds of carcinomas. The degrees of elevation was 3. 91 %~153. 86 %. Characteristic of the change in activity of LDH isoenzyme pattern was the significant elevation of LDH3 and higher positive rate (71. 43 %~93. 75 %). LDH4 and LDH5 was raised , but LDH1 and LDH2 was declined. Conclusion : The examination of serum LDH and LDH isoenzymes has a great value in the diagnosis of carcinoma.

Keywords [serum](#) [LDH](#) [cancer](#) [diagnosis](#)

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