

论著

应用冰冻切片标本检测乳腺癌c - erbB- 2 基因扩增的研究

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收稿日期 1999-7-3 修回日期 1999-9-1 网络版发布日期:

摘要 目的与方法:c - erbB - 2 基因的扩增与乳腺癌的治疗和预后有一定的关系。为了能够快速、简便、准确的检测乳癌中c- erbB - 2 基因的扩增,我们将靶基因与参照基因设在同一条染色体上,同时选用快速冰冻切片的剩余组织作d - PCR 实验。结果:研究结果表明,71 例乳腺癌中共有19 例c - erbB - 2 基因的扩增,扩增率为26.7 %。与我们过去的研究相比,c - erbB - 2 基因扩增检出率有所提高。结论:本文认为,引物设计合理、选材得当,能够提高c - erbB - 2 基因扩增的准确检出率。

关键词 [聚合酶链式反应](#) [乳腺癌](#) [c - erbB - 2 基因](#)

STUDY ON C - ERBB - 2 GENE AMPLIFICATION IN FROZEN SECTIONS OF BREAST CANCER

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Abstract Purpose : The amplification of HER - 2/ neu may have prognostic value in breast cancer. Methods : In this study , we chose the reference gene on the same chromosome as the target gene , and used the differential polymerase chain reaction (d - PCR) to assess the presence of c - erbB - 2 gene amplification in frozen sections of breast cancer. Results : The result s showed that there were 19 of 71 cases of breast cancer were detected amplification of c - erbB - 2 gene , the detectable rate was 26.7 % , which was higher than our previous reports. Conclusion : the author regards that the chose of primer and the specimens cont ribute to the improvement of the detectable rate.

Keywords [differential polymerase chain reaction \(d - PCR\)](#) [breast cancer](#) [c - erbB - 2 gene](#)

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