

## 肿瘤防治

# 外周血T淋巴细胞Ag-NORs检测在肿瘤监测中的意义

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**摘要** 背景与目的: 通过检测Ag-NORs的含量对肿瘤患者的免疫功能状态进行分析, 为肿瘤患者的辅助诊断及预后的评估提供科学的依据。材料与方法: 采用KL型免疫分析系统, 从基因转录水平上定量分析肿瘤病人外周血T淋巴细胞Ag-NORs, 以银染面积与细胞核面积比值(I.S %)作为Ag-NORs检测指标, 反映T淋巴细胞核内rDNA的转录活性。结果: 正常人的I.S% 与恶性肿瘤患者比较差异均有统计学意义, 肿瘤患者的I.S% 低于正常人; 各种类型恶性肿瘤间的I.S% 差异无统计学意义。结论: Ag-NORs检测对于鉴别正常人、肿瘤患者有重要意义; 但该指标不能对各类肿瘤进行鉴别诊断。

**关键词** [Ag-NORs](#); [T淋巴细胞](#); [I.S%](#); [KL型免疫分析系统](#)

## Significance of Testing Ag-NORs in Periopheral Blood T Lymphocyte on Tumor Surveillance

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**Abstract** **BACKGROUND & ATM:** To provide a scientific method of evaluating the tumor patients' prognosis and the assistant diagnosis by analyzing patients' immunocompetence by quantitating the Ag-NORs in periopheral blood T lymphocyte. **MATERIAL AND METHODS:** Quantitive analysis of the Ag-NORs in periopheral blood T lymphocyte was performed at the gene transcription level with the KL-immunological analysis system, using the ratio between the surface areas of silver-dyed and the nucleus(I.S %) as the index to reflects the rDNA transcription activity. **RESULTS:** Significant difference was found between the values of the I.S% in malignant tumor patients and in health persons. The values of the I.S% in tumor patients were much lower than that of the health persons. No statistical difference was found between the values of the I.S% in all kinds of malignant tumor patients that we studied. **CONCLUSION:** Testing Ag-NORs in periopheral blood T lymphocyte has the important significance to distinguish the malignant tumor patients from the health persons, but it can't distinguish between all kinds of malignant tumors.

**Keywords** [Ag-NORs](#); [T lymphocyte](#); [I.S%](#); [KL-immunological analysis system](#)

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