urease test and histologic examination (reference standard, RS). Among 57 biopsy specimens, H. pylori sequence was detected by PCR in 39 of 39 (100%) positive tissues and in none of 18 negative tissues. H-pylori was detected in saliva of 11 out of 19 cases in which H.pylori was positive in gastric mucosa by PCR. Whereas, PCR was positive in saliva of only one out of 8 cases in which H.pylori was negative in gastric mucosa. Six gastric aspirate specimens were positive by N-PCR. PCR is an accurate and sensitive method that can detect the presence of H. pylori without the need of culture.

Key words Helicobacter pylori
Nested PCR Saliva

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一起游泳引起红眼病的病原学调查

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云南化工厂将锅炉冷却水排放于养鱼池内供学生暑期游泳。自6月27日至7月18日在游泳的240名学生中有166人(69.16%)出现高热、眼结合膜炎、咽充血、扁桃体肿大和严重的中毒症状。

- 一、病毒分离:采取病人眼拭及咽嗽液标本10份,经自制人胚肺传代细胞(6代以上)及肾原代细胞分离,获得5株致CPE病毒。
- 二、病毒鉴定:①耐乙醚试验:5株病毒的50%。 细胞感染量(TCD)各为8.0、8.5、7.5、7.0和6.5, 经耐乙醚试验,其滴度变化很少或不变,仍保持其感

染力。②动物致病性试验:对鸡胚、新生小白鼠和家兔均不引起病变。③电镜检查:5株病毒均能观察到典型的腺病毒颗粒。④微量中和试验:5株病毒与ad-3和ad-7型血清中和结果,证实为腺病毒Ⅱ型。

三、讨论:结合膜热多由腺病毒 II、 II 型所引起.传染源主要是病人或无症状病毒携带者,通过空气或接触传播,多发生在夏季学龄儿童中。本次的红眼病系结合膜热爆发。

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