



碧云天生物技术/Beyotime Biotechnology
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山羊血清

产品编号	产品名称	包装
C0265	山羊血清	50ml

产品简介:

- 本山羊血清(Goat Serum)是碧云天自产的血清, 可以用于细胞培养、免疫荧光和免疫组化时的封闭等。
- 本山羊血清采自健康山羊, 经无菌采集、批量混合, 最终过3次0.1 μ m过滤分装而成。所有操作符合2010版GMP (Good Manufacturing Practices for Drug)生产标准。
- 本产品无细菌、真菌、支原体及病毒污染, 具有高质量和高稳定性。
- 本山羊血清为纯天然制品, 不含任何人为的添加成分, 适用于科研或诊断试剂生产用。可以替代FBS用于大多数细胞系和原代细胞培养, 也可用于病毒的培养和研究、鱼类细胞的培养、免疫反应中的封闭和稀释液的制备。
- 不同血清产品的比较、选择和使用技巧, 请参考<http://www.beyotime.com/support/serum.htm>。
- 本产品通过了碧云天的细胞培养和免疫染色(包括免疫荧光和免疫组化)封闭效果测试。

包装清单:

产品编号	产品名称	包装
C0265	山羊血清	50ml
—	说明书	1份

保存条件:

-15~-40°C保存, 5年有效; 4°C保存通常不宜超过1个月。

注意事项:

- 如果不能短期内使用完毕, 解冻后请适当分装。血清结冰时体积会增加约10%, 因此在分装血清时须使分装瓶预留一定体积空间, 否则易导致分装瓶冻裂而发生污染。
- 热灭活是指56°C, 30分钟加热已完全解冻的血清。加热过程中需有规则地摇晃均匀。热处理的目的是灭活血清中的补体(complement)。除非必须, 一般不推荐对血清进行热处理。因为热处理会造成血清沉淀物显著增多, 而且还会影响血清的质量。补体参与的反应有: 细胞毒作用、平滑肌细胞收缩、肥大细胞和血小板释放组胺、增强吞噬作用、促进淋巴细胞和巨噬细胞发生化学趋化和活化等。
- 瓶装血清解冻需采用缓慢解冻法: 把在-15~-40°C低温冰箱中保存的血清放入4°C冰箱中溶解约半天至一天, 待全部解冻后即可使用。在解冻过程中每隔约2小时可轻轻摇晃均匀(尽量避免产生气泡), 使温度与成分均一, 减少沉淀的发生。切勿直接将血清从-20°C或更低温度进入37°C水浴解冻, 这样因温度改变太大, 容易造成蛋白质凝集而出现沉淀, 从而使用血清的质量下降。
- 血清中的絮状沉淀物主要是解冻后血清中纤维蛋白及4°C长时间保存后血清中的脂蛋白变性造成的, 这些絮状物不会影响血清本身的质量, 可不用处理。如果必须要处理, 可400g离心5分钟去除。但不宜过滤去除, 因为絮状物可能阻塞滤膜。
- 经过热处理的血清中沉淀物会显著增多。有些沉淀物在显微镜下观察像‘小黑点’, 而且由于这些‘小黑点’的布朗运动在显微镜下被放大, 感觉是在游动, 所以经常被误认为血清被微生物污染。通常这些小黑点不会影响细胞生长, 但如果怀疑血清存在微生物污染, 则应立即停止使用, 更换另一批次的血清。可将适量血清用培养液稀释至10%浓度后培养1-3天, 观察小黑点是否急剧增多, 或取适量血清在LB平板上涂板培养观察是否产生菌落, 以确定是否存在微生物污染。
- 请勿将血清在37°C放置过长时间, 否则血清会逐渐变浑浊, 同时血清中的有效成分也会逐渐失活而影响血清质量。
- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

相关产品:

产品编号	产品名称	包装
C0225	胎牛血清(AusgeneX原装, 优级)	500ml
C0227	胎牛血清(AusgeneX原装, 特级)	500ml
C0228	新生牛血清(AusgeneX原装, 产地澳洲)	500ml
C0230	胎牛血清(Bovogen原装, 产地南美)	500ml
C0232	胎牛血清(Gibco原装, 产地南美)	500ml
C0235	胎牛血清(Gibco原装, 产地澳洲)	500ml

C0242	新生牛血清(Gibco原装,产地新西兰)	500ml
C0246	马血清(Gibco原装,产地新西兰)	500ml
C0251	胎牛血清(产地南美)	50ml
C0252	胎牛血清(产地南美)	500ml
C0256	胎牛血清(产地澳洲)	50ml
C0257	胎牛血清(产地澳洲)	500ml
C0258	新生牛血清(产地新西兰)	50ml
C0262	马血清(产地新西兰)	50ml
C0265	山羊血清	50ml
C0201	胰酶细胞消化液	100ml
C0203	胰酶细胞消化液(含酚红)	100ml
C0212	L-Glutamine (100X)	100ml
C0218	Hanks' Balanced Salt Solution	500ml
C0219	Hanks' Balanced Salt Solution (with Ca ²⁺ & Mg ²⁺)	500ml
C0220	7.5% NaHCO ₃ 溶液	100ml
C0221A	PBS	500ml
C0221D	D-PBS	500ml
C0221G	D-PBS (with Ca ²⁺ & Mg ²⁺)	500ml
C0222	青霉素-链霉素溶液(100X)	100ml
C0296	支原体染色检测试剂盒	>100次
C0312	Poly-D-lysine溶液	2mg
C0313	Poly-L-lysine溶液	5mg
ST083	L-Glutamine	100g
ST476	PBS (10X)	500ml

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