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PRODUCT: Mouse Genomic DNA

CATALOG No.	AMOUNT	DESCRIPTION
636402	100 µg	Genomic DNA isolated by the method of Blin and Stafford (1). This DNA is suitable for Southern hybridization analysis and genomic library construction.
LOT NUMBER: 1004028		
STORAGE CONDITIONS		CONCENTRATION
• Store at 4°C		0.100 µg/µl in TE buffer (10 mM Tris-HCl, pH 8.0, 1 mM EDTA)
SHELF LIFE		DNA SOURCE
1 year from date of receipt under proper storage conditions.		Disease-free mouse whole blood
SHIPPING CONDITIONS		No further DNA source information is available.
Blue ice (4°C)		

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

- Purified genomic DNA was found to have a molecular weight greater than 50 kb as determined by visualization on a 0.6% Et-Br stained agarose gel.
- Purity was determined by spectrophotometry. $A_{260}/A_{280} = 1.82$
- DNA is completely digestible with *EcoR* I or *Hind* III after incubation with enzyme at 37°C for a period ranging from 3 hours to overnight, depending on the enzyme source.
- No intrinsic nuclease activity was detected after incubation of genomic DNA at 37°C overnight as assayed by gel analysis.

REFERENCES

- Blin, N. & Stafford, D.W. (1976) Isolation of high molecular weight DNA. *Nucleic Acids Res.* 3:2302

APPROVED BY: _____



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