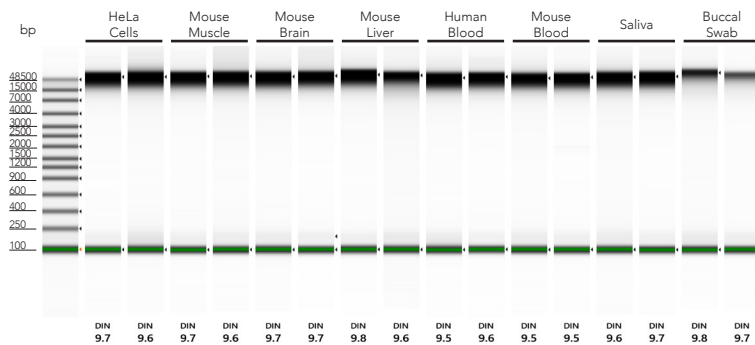


# Get up to 150 kb DNA from Any Sample

## Quick-DNA™ HMW Magbead Kit

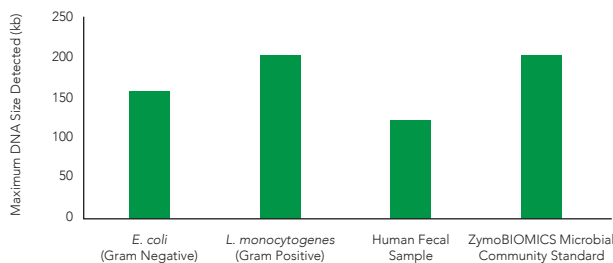
- **High Molecular Weight DNA:** Extract high molecular weight DNA up to 150 kb from any sample.
- **Ultra-Pure:** Highest DNA yield and purity equipped with RNA removal technology.
- **Third-Generation Sequencing Ready:** Optimized for long read sequencing (including Nanopore and SMRT sequencing).

### High Molecular Weight DNA from Any Sample



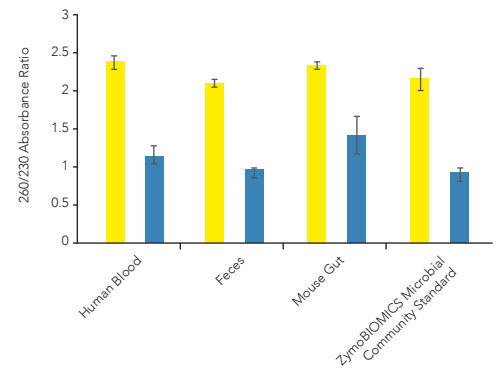
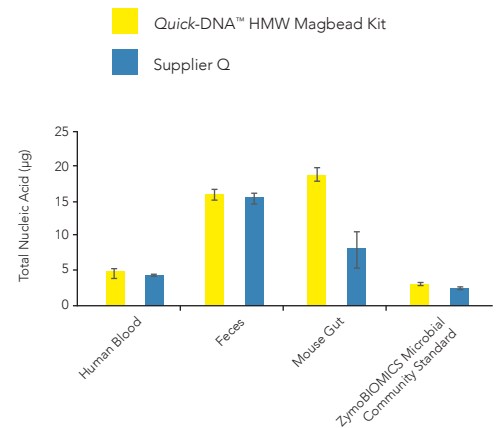
**High Molecular Weight DNA From Any Sample Type.**  $10^6$  Mammalian HeLa cells, 25 mg mouse muscle, brain, and liver, 200  $\mu$ l human blood, 200  $\mu$ l mouse blood, 200  $\mu$ l human saliva, and buccal swabs stored in DNA/RNA Shield (R1100) were extracted using the Quick-DNA™ HMW Magbead Kit (n=2). DNA is of high molecular weight size (>60 kb). Quality was assessed using Agilent 2200 TapeStation®.

### Longer DNA for Longer Read Lengths



**High Molecular Weight DNA.** Cultured *E. coli* ( $\sim 10^8$  cells), cultured *L. monocytogenes* ( $\sim 10^8$  cells), 50 mg feces, and 75  $\mu$ l ZymoBIOMICS® Microbial Community Standard (D6300) were input into the Quick-DNA™ HMW MagBead kit (n=2). Length of the highest detected peak were recorded and averaged for each sample. DNA size was analyzed using Agilent's Femto Pulse system.

### Unrivaled Purity



**Ultra-Pure.** 200  $\mu$ l human blood, 50 mg feces, 25 mg mouse gut, and 75  $\mu$ l ZymoBIOMICS® Microbial Community Standard (D6300) were input into the Quick-DNA™ HMW MagBead and Supplier Q kits (n=2). Zymo Research consistently had higher purities (A260/230: >1.8) and comparable DNA recovery ( $\mu$ g). Absorbance A260/230, and total DNA recovery ( $\mu$ g) were quantified by NanoDrop™ 2000.

| Product                    | Cat. No. | Size     |
|----------------------------|----------|----------|
| Quick-DNA™ HMW MagBead Kit | D6060    | 96 preps |