

geNorm Kit gene details

Listed below are the 12 genes in each geNorm kit. If you are purchasing a 6 gene kit then you can select the 6 genes you would like in the kit

[Human geNorm kit](#)

Homo sapiens actin, beta (ACTB), mRNA.
Homo sapiens glyceraldehyde-3-phosphate dehydrogenase (GAPDH), mRNA.
Homo sapiens ubiquitin C (UBC), mRNA.
Homo sapiens beta-2-microglobulin (B2M), mRNA.
Homo sapiens phospholipase A2 (YWHAZ), mRNA.
Homo sapiens splicing factor 3a, subunit 1(SF3A1), mRNA.
Homo sapiens 18S rRNA gene
Homo sapiens cytochrome c-1 (CYC1), mRNA.
Homo sapiens eukaryotic translation initiation factor 4A, isoform 2 (EIF4A2), mRNA.
Homo sapiens succinate dehydrogenase complex, (SDHA), mRNA.
Homo sapiens topoisomerase (DNA) I (TOP1), mRNA.
Homo sapiens ATP synthase, (ATP5B), mRNA

[Mouse geNorm kit](#)

Mus musculus actin, beta, cytoplasmic (ACTB), mRNA.
Mus musculus glyceraldehyde-3-phosphate dehydrogenase (GAPDH), mRNA.
Mus musculus ubiquitin C (UBC), mRNA.
Mus musculus beta-2 microglobulin (B2M), mRNA.
Mus musculus phospholipase A2 (YWHAZ), mRNA.
Mus musculus ribosomal protein L13a (RPL13A), mRNA.
Mus musculus calnexin (CANX), mRNA.
Mus musculus cytochrome c-1 (CYC1), mRNA.
Mus musculus succinate dehydrogenase complex, subunit A (SDHA), mRNA.
Mus musculus 18S rRNA gene
Mus musculus eukaryotic translation initiation factor 4A2 (EIF4A2), mRNA.
Mus musculus ATP synthase subunit (ATP5B), mRNA

[Rat geNorm kit](#)

Rattus norvegicus 18S Ribosomal RNA (18S), mRNA.
Rattus norvegicus ATP synthase, (ATP5B), mRNA.
Rattus norvegicus topoisomerase I (TOP1), mRNA.
Rattus norvegicus malate dehydrogenase 1 (MDH1), mRNA.
Rattus norvegicus cytochrome c-1 (CYC1), mRNA.
Rattus norvegicus calnexin (CANX), mRNA.
Rattus norvegicus ribosomal protein L13 (RPL13), mRNA.
Rattus norvegicus tyrosine 3-monooxygenase (YWHAZ), mRNA.
Rattus norvegicus beta-2 microglobulin (B2M), mRNA.
Rattus norvegicus ubiquitin C (UBC), mRNA.
Rattus norvegicus glyceraldehyde-3-phosphate dehydrogenase (GAPD), mRNA.
Rattus norvegicus actin, beta (ACTB), mRNA.

[Arabidopsis geNorm kit](#)

Arabidopsis thaliana protein phosphatase type 2A regulator (PDF2) mRNA
Arabidopsis thaliana UBQ10 protein binding (UBQ10) mRNA
Arabidopsis thaliana unknown protein (AT2G28390) mRNA
Arabidopsis thaliana unknown protein (AT4G34270) mRNA
Arabidopsis thaliana unknown protein (AT4G26410) mRNA
Arabidopsis thaliana unknown protein (AT4G33380) mRNA
Arabidopsis thaliana unknown protein (AT5G55840) mRNA
Arabidopsis thaliana YLS8 catalytic/ electron transporter (YLS8) mRNA
Arabidopsis thaliana unknown protein (AT5G17510) mRNA
Arabidopsis thaliana ubiquitin-protein ligase (UPL7) mRNA
Arabidopsis thaliana glyceraldehyde-3-phosphate dehydrogenase (GAPDH) mRNA
Arabidopsis thaliana unknown protein (AT5G46630) mRNA

[Cow geNorm kit](#)

Bos taurus ATP synthase, mitochondrial F1 complex, beta (ATP5B), mRNA.
Bos taurus eukaryotic translation initiation factor 2B, (EIF2B2), mRNA.
Bos taurus actin, beta (ACTB), mRNA.
Bos taurus peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA.
Bos taurus succinate dehydrogenase complex, subunit A (SDHA), mRNA.
Bos taurus ribosomal protein L12 (RPL12), mRNA.
Bos taurus glyceraldehyde-3-phosphate dehydrogenase (GAPD), mRNA.

[Sheep geNorm kit](#)

Ovis aries 18S Ribosomal (18S) rRNA
Ovis aries tyrosine 3-monooxygenase (YWHAZ) mRNA
Ovis aries acetyl-CoA carboxylase (aCoA) mRNA.
Ovis aries ribosomal protein S26 (RPS26) mRNA
Ovis aries beta-2 microglobulin (B2M), mRNA
Ovis aries malate dehydrogenase (MDH1) mRNA
Ovis aries ribosomal protein S2 (RPS2) mRNA
Ovis aries ribosomal protein L19 gene (RPL19) mRNA
Ovis aries H(+)-transporting ATP synthase (ATPsynth), mRNA
Ovis aries glyceraldehyde 3-phosphate dehydrogenase (G3PD) mRNA
Ovis aries cytochrome P4501A1 (CYP1A1) mRNA
Ovis aries beta actin (bActin), mRNA

Pig geNorm kit

Sus scrofa glucose phosphate isomerase (GPI), mRNA.
Sus scrofa hyaluronan synthase 2 (SHAS2), mRNA.
Sus scrofa poly-ubiquitin (UBC)mRNA, 3 end.
Sus scrofa beta actin (ACTB) gene, partial cds.
Sus scrofa ATP synthase, mitochondrial FO complex, (ATP5G1), mRNA.
Sus scrofa glyceraldehyde 3-phosphate dehydrogenase (GAPDH) mRNA, complete
Sus scrofa eukaryotic elongation factor 1 gamma-like protein (eEF-1) mRNA
Sus scrofa peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA.
Sus scrofa glutathione peroxidase 1 (GPX1), mRNA.
Sus scrofa succinate dehydrogenase complex subunit A (SDHA) mRNA, partial cds.

c.elegans geNorm kit

Caenorhabditis elegans Glucose-6-Phosphate Isomerase family member (GPI1) mRNA
Caenorhabditis elegans Y71F9AL.16 (ACTIN) mRNA
Caenorhabditis elegans C54G4.8 (CYC1) mRNA
Caenorhabditis elegans Eukaryotic Initiation Factor family member (EIF3C) mRNA
Caenorhabditis elegans TOPoisomerase family member (TOP1) mRNA
Caenorhabditis elegans Malate DeHydrogenase family member (MDH1) mRNA
Caenorhabditis elegans ZK632.6 Calnexin (CANX) mRNA
Caenorhabditis elegans GPD (glyceraldehyde 3-phosphate dehydrogenase) (GPD3) mRNA
Caenorhabditis elegans C54C6.2 tubulin (TUBULIN) mRNA
Caenorhabditis elegans UBiquitin Conjugating enzyme family member (UBC3) mRNA
Caenorhabditis elegans CHitin Synthase family member (CHS1) mRNA
Caenorhabditis elegans PhosphoLipase C family member (PLC2) mRNA

Xenopus geNorm kit

Xenopus tropicalis glycerol-3-phosphate dehydrogenase 1-like (GPD1L), mRNA
Xenopus tropicalis 60S ribosomal protein L8 (RPL8), mRNA
Xenopus tropicalis tubulin, alpha 1 (TUBa1), mRNA
Xenopus tropicalis succinate dehydrogenase complex, (SDHA), mRNA
Xenopus tropicalis eukaryotic translation initiation factor 2, subunit 1 alpha, (EIF2S1), mRNA
Xenopus tropicalis eukaryotic translation elongation factor 1 alpha 1 (EIF1A1), mRNA
Xenopus tropicalis ornithine decarboxylase 1 (ODC1), mRNA
Xenopus tropicalis mitochondrial ribosomal protein L13 (MRPL13), mRNA
Xenopus tropicalis atp5a1 protein (ATP5A1), mRNA
Xenopus tropicalis phospholipase A2, group X1IA (PL2G12A), mRNA.
Xenopus tropicalis malate dehydrogenase 1 (MDH1), mRNA

Zebra fish geNorm kit

Danio rerio eukaryotic translation initiation factor 1B (EIF1B), mRNA
Danio rerio NADH dehydrogenase,(NADH) mRNA
Danio rerio for tryosine 3-monooxygenase activation protein (YWHAZ) mRNA
Danio rerio 16S ribosomal RNA gene (16S)
Danio rerio ATP synthase (ATPsynth) mRNA
Danio rerio cytochrome P450 monooxygenase (CYP2K17) mRNA
Danio rerio bactin1 (bActin1), mRNA.
Danio rerio Glyseraldehyde-3-phosphate dehydrogenase (GAPDH) mRNA
Danio rerio ribosomal protein L13 (RPL13), mRNA
Danio rerio topoisomerase (DNA) II alpha (TOP2), mRNA
Danio rerio succinate dehydrogenase (SDHA) mRNA
Danio rerio ubiquitin specific protease 5 (USP5), mRNA

Red fire ant geNorm kit

Solenopsis invicta 18S ribosomal RNA gene (18S), partial sequence.
Solenopsis invicta transferrin (TF) mRNA, complete cds.
Solenopsis invicta striated muscle activator Rho signaling (SMARho)mRNA,
Solenopsis invicta troponin (TC) mRNA, complete cds.
Solenopsis invicta haplotype I cytochrome oxidase subunit I (COI); mitochondrial.
Solenopsis invicta glutathione S-transferase (GSTS1) mRNA, complete cds.

Cucumber geNorm kit

Cucumis sativus phospholipase D (PLD) mRNA, complete
Cucumis sativus cyclophilin (M2) mRNA, complete
Cucumis sativus ATPase subunit III (ATP)mRNA, complete
Cucumis sativus mRNA for (NADPH)-protochlorophyllide oxidoreductase,
Cucumis sativus glyoxysomal malate dehydrogenase (mdhG) mRNA,
Cucumis sativus mRNA for glutamyl-tRNA reductase, isozyme 1 (GRI)

Tobacco geNorm kit

Nicotiana tabacum histone H1E (H1e) mRNA, complete cds.
Nicotiana tabacum partial mRNA for elongation factor 2 (ef2), clone 3cT7.
Nicotiana tabacum mRNA for ascorbate oxidase precursor (AOP), complete cds.
Nicotiana tabacum mRNA for glucosyl transferase, (Gt) complete cds.
Nicotiana tabacum NADH dehydrogenase subunit 5 (NADH)
Nicotiana tabacum cytochrome oxidase subunit 1 (COX1)
Nicotiana tabacum ATP synthase F1 subunit 1 (ATP)