

Supplemental Table 1 Probiotic food types included

APPLE AND GRAPE SALAD WITH YOGURT AND WALNUTS
APPLE YOGURT DESSERT, BABY FOOD, STRAINED
BANANA JUICE WITH LOWFAT YOGURT, BABY FOOD
BANANA YOGURT DESSERT, BABY FOOD, STRAINED
BLUEBERRY YOGURT DESSERT, BABY FOOD, STRAINED
BUTTERMILK, FLUID, 1% FAT
BUTTERMILK, FLUID, 2% FAT
BUTTERMILK, FLUID (INCLUDE KEFIR MILK)
BUTTERMILK, FLUID, WHOLE
CABBAGE, KIMCHI (KIM CHEE) STYLE
FRUIT AND LOWFAT YOGURT PARFAIT
MIXED FRUIT JUICE WITH LOWFAT YOGURT, BABY FOOD
MIXED FRUIT YOGURT DESSERT, BABY FOOD, STRAINED
PEACH YOGURT DESSERT, BABY FOOD, STRAINED
SOY YOGURT
YOGURT AND FRUIT SNACK, BABY FOOD
YOGURT DRESSING
YOGURT, CHOCOLATE, NONFAT MILK
YOGURT, CHOCOLATE, NS AS TO TYPE OF MILK
YOGURT, CHOCOLATE, WHOLE MILK
YOGURT, FRUIT VARIETY, LOWFAT MILK
YOGURT, FRUIT VARIETY, LOWFAT MILK, SWEETENED WITH LOW-CALORIE SWEETENER
YOGURT, FRUIT VARIETY, NONFAT MILK
YOGURT, FRUIT VARIETY, NONFAT MILK, SWEETENED WITH LOW-CALORIE SWEETENER
YOGURT, FRUIT VARIETY, NS AS TO TYPE OF MILK
YOGURT, FRUIT VARIETY, WHOLE MILK
YOGURT, NS AS TO TYPE OF MILK OR FLAVOR
YOGURT, PLAIN, LOWFAT MILK
YOGURT, PLAIN, NONFAT MILK
YOGURT, PLAIN, NS AS TO TYPE OF MILK
YOGURT, PLAIN, WHOLE MILK
YOGURT, VANILLA, LEMON, MAPLE, OR COFFEE FLAVOR, LOWFAT MILK
YOGURT, VANILLA, LEMON, MAPLE, OR COFFEE FLAVOR, LOWFAT MILK, SWEETENED WITH LOW CALORIE SWEETENER
YOGURT, VANILLA, LEMON, MAPLE, OR COFFEE FLAVOR, NONFAT MILK
YOGURT, VANILLA, LEMON, MAPLE, OR COFFEE FLAVOR, NONFAT MILK, SWEETENED WITH LOW CALORIE SWEETENER

YOGURT, VANILLA, LEMON, OR COFFEE FLAVOR, NS AS TO TYPE OF MILK
YOGURT, VANILLA, LEMON, OR COFFEE FLAVOR, WHOLE MILK
YOGURT, WHOLE MILK, BABY FOOD
YOGURT, WHOLE MILK, BABY FOOD, WITH FRUIT AND MULTIGRAIN CEREAL PUREE, NFS
YOGURT, WHOLE MILK, BABY FOOD, WITH FRUIT AND MULTIGRAIN CEREAL PUREE, PLUS DHA
YOGURT, WHOLE MILK, BABY FOOD, WITH FRUIT AND MULTIGRAIN CEREAL PUREE, PLUS IRON

Supplemental Table 2 Probiotic supplements included

4X PROBIOTIC UP&UP CONTAINS 4 STRAINS OF NATURAL, BENEFICIAL BACTERIA WITH B. INFANTIS 10 MG
ADVANCED NATURALS FLORAMAX ADVANCED PROBIOTIC FORMULA 12 BILLION CELLS OF 7 STRAINS OF MICROFLORA WITH ACIDOPHILUS, BIFI
ALIGN PROBIOTIC
ALLERGY RESEARCH GROUP BIFIDOBIOLOGICS WITH L. SPOROGENES
ALLERGY RESEARCH GROUP GI FLORA L.ACIDOPHILUS, L.CASEI, L. RHAMNOSUS, B. LONGUM HYPOALLERGENIC
AMERICAN HEALTH CHEWABLE ACIDOPHILUS WITH BIFIDUS MILK FREE
AMERICAN HEALTH CHEWABLE MILK FREE ACIDOPHILUS AND BIFIDUM ONE BILLION ORGANISMS VEGETARIAN FORMULA
AMERICAN HEALTH CHEWABLE MILK FREE ACIDOPHILUS AND BIFIDUM ONE BILLION ORGANISMS VEGETARIAN FORMULA
BACID PROBIOTIC CONTAINS A BLEND OF BENEFICIAL BACTERIA INCLUDING LACTOBACILLUS ACIDOPHILUS
BIOSPEC PROBIOTIC PLUS HIGH POTENCY, MULTI-STRAIN PROBIOTIC
BLUEBONNET MILK-FREE ACIDOPHILUS PLUS FOS L. ACIDOPHILUS, L. BULGARICUS, BIFIDUS
BREAKTHROUGH FORMULATIONS MEGA-FLORA DIGESTIVE TRACT FLORA
CULTURELLE DIGESTIVE HEALTH PROBIOTIC PROBIOTIC WITH NATURALLY SOURCED DAIRY-FREE LACTOBACILLUS GG ONCE DAILY CAPSULES 10 BILLION ACTIVE CULTURES
CULTURELLE KIDS! PACKETS PROBIOTIC PROBIOTIC WITH NATURALLY SOURCED LACTOBACILLUS GG
CULTURELLE PROBIOTIC NATURAL HEALTH & WELLNESS ONCE DAILY CAPSULES ALL NATURAL PROBIOTIC WITH LACTOBACILLUS GG
CULTURELLE WITH LACTOBACILLUS GG
CVS PHARMACY EXTRA STRENGTH ACIDOPHILUS
CVS/PHARMACY ADULT PROBIOTIC 3 BILLION LIVE BACTERIA CELLS PER

CAPSULE WITH 8 NATURAL PROBIOTIC STRAINS, INCLUDING 2 BIFIDOBACTERIA STRAINS ONE-A-DAY
DDS-100 ACIDOPHILUS WITH FOS CHEWABLE TABLETS (2 BILLION CFU/G) UAS LABORATORIES
DEFAULT GUMMY BEAR PROBIOTIC
DEFAULT LACTOBACILLUS ACIDOPHILUS
DEFAULT PROBIOTIC
DIGESTIVE ADVANTAGE LACTOSE DEFENSE FORMULA DUAL-ACTION! ENZYME PLUS PROBIOTICS TAKE EVERY DAY
DIGESTIVE ENZYMES & PROBIOTICS WITH ENZYGUARD-D 4LIFE
ECOQUEST / INFINITY ESSENTIALS FOR LIFE 2 ENZYME, FLORA AND CHROMIUM COMPLEX
ENERGETIX FLORA SYNERGY
ENZYMATIC THERAPY NATURAL MEDICINES ACIDOPHILUS PEARLS WITH L. ACIDOPHILUS AND B. LONGUM
ENZYMATIC THERAPY PROBIOTIC PEARLS HIGH POTENCY ADVANCED 3-LAYER SOFTGEL ONCE DAILY LACTOBACILLI & BIFIDOBACTERIA
FLORAJEN3 HIGH POTENCY PROBIOTIC ACIDOPHILUS BIFIDUM LONGUM 15 BILLION LIVE CULTURES PER CAPSULE
FLORASTOR KIDS SACCHAROMYCES BOULARDII LYO PACKETS 250 MG
FRIENDLY FLORA PREBIOTIC AND PROBIOTIC COMPLEX FOS AND LACTOBACILLUS 5 BILLION CFU PROCAPS LABORATORIES
FUTUREBIOTICS COLON GREEN GENTLE, ALL-NATURAL FIBER WITH PROBIOTICS AND ENZYMES NOW WITH SUPER-STABLE PROBIOTICS
GARDEN OF LIFE PRIMAL DEFENSE HSO PROBIOTIC FORMULA
GARDEN OF LIFE PRIMAL DEFENSE ULTRA ULTIMATE PROBIOTIC FORMULA 15 BILLION CELLS DAILY 13 BENEFICIAL CULTURES WITH HSOS W
GARDEN OF LIFE RAW PROBIOTICS WOMEN 50 & WISER 85 BILLION LIVE CULTURES 33 PROBIOTIC STRAINS PROBIOTIC-CREATED VITAMINS, MINERALS, ENZYMES & PREBIOTICS CONTAINS TARGETED PROBIOTICS RAW WHOLE FOOD
GARDEN OF LIFE RAW VITAMIN CODE 50 & WISER WOMEN RAW WHOLE FOOD MULTI LIVE PROBIOTICS & ENZYMES RAW FOOD-CREATED NUTRIEN
GENERIC20 GR8-DOPHILUS 8 STRAINS & 4 BILLION POTENCY WITH FOS
GENERIC36 ACIDOPHILUS PROBIOTIC BLEND
GENERIC8 ACIDOPHILUS & PROBIOTIC COMPLEX
GNC NATURAL BRAND ACIDOPHILUS 2 BILLION CFU
GNC NATURAL BRAND ACIDOPHILUS 4 BILLION CFU
GNC NATURAL BRAND MEGA ACIDOPHILUS
GNC NATURAL BRAND POTENT ACIDOPHILUS
GNC NATURAL BRAND ULTRA ACIDOPHILUS 350 MG
GNC WOMEN'S ULTRA MEGA WITH PROBIOTICS MULTIVITAMIN DELIVERS 1 BILLION LIVE, ACTIVE CULTURES WITH 1,600 IU OF VITAMIN D-3
HEALTH PLUS INC. SUPER COLON CLEANSE WITH HERBS & ACIDOPHILUS

HEALTHY DELIGHTS PROBIOTIC BITES DARK CHOCOLATE ONE BILLION CULTURES PER BITE IDEAL FOR ADULTS & CHILDREN FAMILY FORMULA
HERBALIFE FLORAFIBER LACTOBACILLUS ACIDOPHILUS AND FIBER
JARROW FORMULAS BABY JARRO-DOPHILUS +FOS WITH CLINICALLY DOCUMENTED STRAINS 3 BILLION PROBIOTIC
JARROW FORMULAS BABY'S JARRO-DOPHILUS WITH CLINICALLY DOCUMENTED STRAINS 3 BILLION PER GRAM HYPOALLERGENIC NON-DAIRY PRO
JARROW FORMULAS ENHANCED PROBIOTIC SYSTEM JARRO-DOPHILUS EPS ENTERIC COATED
JARROW FORMULAS JARRO-DOPHILUS ORIGINAL WITH CLINICALLY PROVEN STRAIN BB536 HIGH POTENCY 6 SPECIES 3.4 BILLION
KID'S KYO-DOPHILUS PROBIOTIC ONE PER DAY
KLAIRE LABS SACCHAROMYCES BOULARDII 3+ BILLION CFUS PROBIOTIC
L.A. FARMACIA NATURAL MICROENCAPSULATED ACIDOPHILUS
LIFETIME LIQUID ACIDOPHILUS SOY BASE MILK FREE
L'IL CRITTERS PROBIOTIC ACIDOPHILUS DAILY
MEGAFLORA OPTIMAL POTENCY PROBIOTIC FORMULA 100% WHOLE FOOD MEGAFOOD
METAGENICS LACTO VIDEN ID DAIRY FREE, STRAIN MODIFIED LACTOBACILLUS BLEND
METAGENICS ULTRA FLORA PLUS DF CAPSULES
METAGENICS ULTRAFLOA SYNERGY (FORMERLY ULTRA FLORA PLUS DF) ENHANCED WITH PREBIOTICS POWDER PROBIOTIC
NATROL ACIDOPHILUS PROBIOTIC
NATURAL FACTORS MULTI ACIDOPHILUS WITH FOS CAPSULES 4 BILLION ACTIVE CELLS
NATURE CITY TRUELIFE PB PROBIOTIC AND PREBIOTIC BLEND PROFESSIONAL STRENGTH! 30 BILLION LIVE 'GOOD BACTERIA' CELLS PER DOSE PROVIDES 6 HEALTH BOOSTING PROBIOTIC STRAINS
NATURE MADE ACIDOPHILUS 500 MILLION LIVE CELLS PER TABLET
NATURE'S BLEND HIGH POTENCY CHEWABLE ACIDOPHILUS
NATURE'S BOUNTY ACIDOPHILUS
NATURE'S BOUNTY ACIDOPHILUS PROBIOTIC 100 MILLION ORGANISMS LACTOBACILLUS ACIDOPHILUS 1 PER DAY TABLET
NATURE'S BOUNTY CHEWABLE PROBIOTIC ACIDOPHILUS 1 BILLION ORGANISMS WITH BIFIDUM CHEWABLE MILK FREE WAFER
NATURE'S BOUNTY PROBIOTIC ACIDOPHILUS
NATURE'S BOUNTY PROBIOTIC ACIDOPHILUS CAPSULES
NATURE'S LIFE LACTOBACILLUS ACIDOPHILUS APPLE PECTIN LIVE, ACTIVE ORGANISMS PROBIOTIC CAPSULES
NATE'S PLUS ADULT'S EAR, NOSE & THROAT LOZENGES WITH K12 PROBIOTICS
NATURE'S PLUS SOURCE OF LIFE ANIMAL PARADE ACIDOPHIKIDZ WITH PROBIOTICS, FOS & RHODODENDRON CHILDREN'S CHEWABLE WITH WHO

NATURE'S SUNSHINE BIFIDOPHILUS FLORA FORCE BIFIDOBACTERIUM LONGUM & LACTOBACILLUS ACIDOPHILUS 470 MG
NATURE'S SUNSHINE BIFIDOPHILUS FLORA FORCE PROBIOTIC 4 BILLION TOTAL MICROORGANISMS PER CAPSULE
NATURE'S SUNSHINE PROBIOTIC ELEVEN
NATURE'S SUNSHINE PROBIOTIC ELEVEN CONTAINS ELEVEN BENEFICIAL ORGANISMS IN A PREBIOTIC BLEND
NATURE'S WAY ONCE DAILY PRIMADOPHILUS CHILDREN POWDER WITH FOS TRUE IDENTITY BIFIDOBACTERIA & LACTOBACILLI TRUE POTENCY
NATURE'S WAY ONCE DAILY PRIMADOPHILUS JUNIOR TRUE IDENTITY LACTOBACILLI & BIFIDOBACTERIA TRUE POTENCY 3 BILLION CFU TRUE
NATURE'S WAY ONCE DAILY PRIMADOPHILUS KIDS TRUE POTENCY 3 BILLION CFU TRUE IDENTITY LACTOBACILLI & BIFIDOBACTERIA ORANGE
NATURE'S WAY ONCE DAILY PRIMADOPHILUS KIDS TRUE POTENCY 3 BILLION CFU TRUE IDENTITY LACTOBACILLI & BIFIDOBACTERIA ORANGE
NATURE'S WAY PRIMADOPHILUS BIFIDUS ONCE DAILY TRUE POTENCY 5 BILLION CFU TRUE IDENTITY BIFIDOBACTERIA & LACTOBACILLI TRU
NATURE'S WAY PRIMADOPHILUS ORIGINAL ONCE DAILY TRUE POTENCY 5 BILLION CFU TRUE IDENTITY ACIDOPHILUS & RHAMNOSUS TRUE RELEASE TARGETED DELIVERY ENTERIC-COATED FOR ALL AGES
NATURE'S WAY PRIMADOPHILUS REUTERI SUPERIOR PROBIOTIC MULTI STRAIN PLUS SCFOS TRUE POTENCY 5 BILLION CFU ENTERIC-COATED ONCE DAILY
NEW CHAPTER EVERY MAN II WHOLE-FOOD PROBIOTIC MULTI-NUTRIENT, MINERAL & HERBAL COMPLEX
NEW CHAPTER ORGANICS PROBIOTIC ALL-FLORA WHOLE FOOD LIVE PROBIOTICS
NEW CHAPTER ORGANICS PROBIOTIC NUTRIENTS EVERY MAN II FOR MEN OVER 40 MADE WITH ORGANIC INGREDIENTS
NOW BERRY DOPHILUS 4 PROBIOTIC STRAINS 2.5 BILLION INPUT NATURAL BERRY FLAVOR XYLITOL SWEETENED CHEWABLES
NSI NUTRACEUTICAL SCIENCES INSTITUTE PROBIOTIC 15-35 15 STRAINS / 35 BILLION MICROORGANISMS PER SERVING
NUTRICOLOGY PROGREENS WITH ADVANCED PROBIOTIC FORMULA
NUTRI-HEALTH FLORA SOURCE MULTI-PROBIOTIC BLEND OF 16 STRAINS / 16 BILLION CELLS CAPSULES
NUTRILITE INTESTIFLORA-7 STICK PACKS
NUTRITION NOW PB8 PRO-BIOTIC ACIDOPHILUS FOR LIFE
NUTRITION NOW PB8 PRO-BIOTIC ACIDOPHILUS FOR LIFE ORIGINAL FORMULA 14 BILLION GOOD BACTERIA
NUTRITION NOW PROBIOTIC ACIDOPHILUS
NUTRITION NOW RHINO CHEWABLE FOS & ACIDOPHILUS CHEWABLE TABLETS 100% DAILY VALUE OF VITAMIN C
O'DONNELL FORMULAS, INC. FLORA-BALANCE BACILLUS LATEROSPORUS BOD STRAIN CAPSULES

OPTIMAL 1 DIGESTION FORMULA OPTIMAL HEALTH SYSTEMS
OPTIMUM FREEZE DRIED ACIDOPHILUS LACTOBACILLI
ORIGIN ACIDOPHILUS EASY TO SWALLOW
PB8 PRO-BIOTIC ACIDOPHILUS FOR LIFE
PHILLIPS' COLON HEALTH PROBIOTIC CAPS BAYER
PROBIOTIC PEARLS WITH L. ACIDOPHILUS AND B. LONGUM
PROBIOTICA LACTOBACILLUS REUTERI CHEWABLE TABLETS
PRO-BIOTICS ACIDOPHILUS
PROCAPS LABORATORIES FIBERMUCIL U.S.P. PSYLLIUM BULK AND WATER SOLUBLE FIBER FRIENDLY FLORA LACTOBACILLUS
PROJOBA INTERNATIONAL PROBACILLUS PLUS
PURE RESEARCH PRODUCTS, LLC DEL-IMMUNE V LACTOBACILLUS RHAMNOSUS LYSSED POWDER
PURITAN'S PRIDE ACIDOPHILUS
PURITAN'S PRIDE POTENT ACIDOPHILUS WITH PECTIN
PURITAN'S PRIDE VITA-FRESH LIFE'S GREENS WITH ADVANCED PROBIOTIC FORMULA 29,205 TOTAL ORAC VALUE VEGETARIAN
RAINBOW LIGHT 50+ MINI-TAB AGE-DEFENSE FORMULA FOOD-BASED MULTIVITAMIN WITH COQ10 1,000 IU VITAMIN D3 PROBIOTICS & DIGES
RAINBOW LIGHT ACTIVE HEALTH TEEN FOOD-BASED MULTIVITAMIN TARGETED TEEN NUTRITION 75 MILLION LIVE ACTIVE PROBIOTICS
RAINBOW LIGHT JUST 1 ONCE NATURALS WOMEN'S ONE MULTIVITAMIN/MINERAL NOW WITH PROBIOTICS
RAINBOW LIGHT KIDS ONE MULTISTARS CHEWABLE MULTIVITAMIN / MINERAL WHOLESOME VEGETABLE CONCENTRATES 15 MILLION ACTIVE PRO
RAINBOW LIGHT MEN'S ONE JUST 1 ONCE FOOD-BASED MULTIVITAMIN ENERGY B-COMPLEX & PROBIOTICS
RAINBOW LIGHT MEN'S ONE JUST 1 ONCE FOOD-BASED MULTIVITAMIN ENERGY B-COMPLEX & PROBIOTICS
RBC DIGESTION FORMULA WITH ENZYMES, PROBIOTICS AND NANOCCLUSERS
RENEW LIFE FLORABEAR FOR KIDS
REPHRESH PRO-B PROBIOTIC FEMININE
REXALL NATURALS GESTAZYME MULTI-ENZYME PROBIOTIC FORMULA ACIDOPHILUS PROBIOTIC FORMULA 1 BILLION ACTIVE CULTURES PER SER
REXALL NATURALS ULTIMATE PROBIOTIC FORMULA ACIDOPHILUS MADE WITH BIO FLORA 2 BILLION ACTIVE CULTURES
RITE AID PHARMACY PROBIOTIC COLON CARE LACTOBACILLUS ACIDOPHILUS, BIFIDOBACTERIUM LONGUM, B. BIFIDUM PROBIOTIC ONE DAILY
SCHIFF SUSTENEX PROBIOTIC GUMMIES
SHAKLEE BIFIDUS & ACIDOPHILUS OPTIFLORA PROBIOTIC COMPLEX
SOLARAY MULTIDOPHILUS 12 OVER 20 BILLION MICROORGANISMS 12 PROBIOTIC STRAINS
SOLGAR ADVANCED 40+ ACIDOPHILUS NON-DAIRY LACTOSE FREE
SOLGAR ADVANCED ACIDOPHILUS PLUS 500 MILLION MICROORGANISMS PER

USE
SPRING VALLEY ACIDOPHILUS
SPRING VALLEY ACIDOPHILUS
SPRING VALLEY PROBIOTIC ACIDOPHILUS 1 BILLION ACTIVE CULTURES
SPRING VALLEY PROBIOTIC MULTI-ENZYME DIGESTIVE FORMULA 1 BILLION ACTIVE CULTURES PER SERVING
SPRING VALLEY SUPER STRENGTH PROBIOTIC ACIDOPHILUS 2 BILLION ACTIVE CULTURES
SUNDOWN ACIDOPHILUS XTRA
SUNDOWN NATURALS CHEWABLE ACIDOPHILUS WITH BIFIDUM 1 BILLION ACTIVE CULTURES PER WAFER VEGETARIAN FORMULA
SUNDOWN NATURALS PROBIOTIC ACIDOPHILUS XTRA 40 MILLION LIVE CELLS PER SERVING VEGETARIAN FORMULA
SUSTENEX DAILY PROBIOTIC 2 BILLION CELLS OF GANEDENBC30
THE VITAMIN SHOPPE ACIDOPHILUS WITH PECTIN
THE VITAMIN SHOPPE ULTIMATE '10' PROBIOTIC 13 BILLION ORGANISMS WITH FRUCTO-OLIGOSACCHARIDES ENTERIC COATED
THERALAC PROBIOTIC MASTER 5 HUMAN STRAINS 2 PREBIOTICS 5 + 2 30 BILLION CFU PER CAPSULE WITH LACTOSTIM
TRADER JOE'S ACIDOPHILUS & PROBIOTIC COMPLEX 2 BILLION ORGANISMS PER TABLET
TRADER JOE'S ACTIVE 50+ ONCE DAILY MULTIVITAMIN & MINERAL PLUS PROBIOTICS 1000 IU VITAMIN D
TWINLAB ALLERDOPHILUS ACIDOPHILUS CAPSULES HIGH POTENCY 182 MG
ULTIMATE FLORA CRITICAL CARE 50 BILLION EXTRA-STRENGTH PROBIOTIC 10 PROBIOTIC STRAINS RENEW LIFE
VIBRANT HEALTH GREEN VIBRANCE 25 BILLION PROBIOTICS PER DOSE FROM 12 STRAINS ORGANIC GREENS & FREEZE DRIED GRASS JUICES
VITAMIN WORLD ACIDOPHILUS & PSYLLIUM HUSK 4 BILLION ACTIVE CULTURES 4,000 MG PSYLLIUM HUSK PER SERVING
VITAMIN WORLD CHEWABLE ACIDOPHILUS WITH BIFIDUS NATURAL STRAWBERRY FLAVOR
WALGREENS ACIDOPHILUS 10 MG
WALGREENS ACIDOPHILUS PLUS CITRUS PECTIN FREEZE DRIED
WHOLE FOODS PREMIER FORMULA PROBIOTIC COMPLEX PLUS
WINDMILL NATURAL ACIDOPHILUS PRO-BIOTIC BLEND WITH PECTIN