



2727 Second Ave. Suite 4113
Detroit, MI 48201
Phone: (313) 961-1606; Fax: (313)963-7130
Email: info@DetroitRandD.com
Web: www.DetroitRandD.com

2015 Detroit R & D Product Catalog

www.DetroitRandD.com

ELISA Kits

14,15-DHET/EET : BioTarget Hypertension Kits

14,15-DHET Hypertension ELISA kit, **Cat. # DH 1**, \$272
(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

14,15-EET/DHET kit, **Cat. # DH 2**, \$272
(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

14,15-DHET Human Urine ELISA Test Kit, **Cat. # DH 3**, \$290
(Multiple kit orders: 2-3 kits \$276 each; 5-9 kits \$261 each; 10 or more kits \$247 each)

14,15-DHET immunoaffinity column for one-step purification **Cat # DH 31**, \$248

11,12-DHET/EET: BioTarget Hypertension Kits

11,12-DHET immunoassay kit, **Cat. # DH 4**, \$272
(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

11,12-EET/DHET kit, **Cat. # DH 5**, \$272
(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

11,12-DHET immunoaffinity column for one-step purification **Cat # DH 32**, \$248

Cell-Based Soluble Epoxide Hydrolase (sEH)

ELISA Kit for Measuring sEH Activity in Biological Samples, **Cat # SH 1**, \$290
(Multiple kit orders: 2-3 kits \$276 each; 5-9 kits \$261 each; 10 or more kits \$247 each)

20-HETE ELISA Kit: BioTarget Hypertension Kits

20-HETE Hypertension ELISA kit, **Cat. # 20H 1**, \$272
(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

20-HETE immunoaffinity column for one-step purification **Cat # 20H 33**, \$248

20-HETE / β -Glucuronidase ELISA Kit

ELISA Kit for Measuring Glucuronidated 20-HETE, **Cat # 20HG 1**, \$290

(Multiple kit orders: 2-3 kits \$276 each; 5-9 kits \$261 each; 10 or more kits \$247 each)

Oxidative Stress ELISA Kit

8-isoprostane: *iPF2 α -III*, 8-*epi* prostaglandin *F2 α* , 8-*iso* prostaglandin *F2 α*

8-Isoprostane oxidative stress ELISA kit, **Cat # 8iso1**, \$272

(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

8-Isoprostane immunoassay column for one-step purification **Cat # 8iso33**, \$248

PGE₂ ELISA Kit

PGE₂ ELISA kit, **Cat. # PGE 1**, \$272

(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

Environmental Estrogen ELISA Kit

BPA (Bisphenol A)

BPA ELISA Kit, **Cat # BPA 1**, \$272

(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

Prostate Cancer ELISA Kits

NAG-1, MIC-1, GDF-15 ELISA Kit, **Cat # NG 1**, \$272

(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

PSA ELISA Kit, **Cat # PA 1**, \$272

(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

Lipoxygenase ELISA Kits

12-HETE

20-HETE Hypertension ELISA kit, **Cat. # 12H 1**, \$272

(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

15-HETE

15-HETE Hypertension ELISA kit, **Cat. # 15H 1**, \$272

(Multiple kit orders: 2-3 kits \$258 each; 5-9 kits \$245 each; 10 or more kits \$231 each)

Purified Eicosanoids

14,15-DHET, **Cat.# DHCHEM1**, 100 μ g, \$242

11,12-DHET, **Cat.# DHCHEM4**, 100 μ g, \$242

8,9-DHET, **Cat.# DHCHEM5**, 100 μ g, \$242

20-HETE. **Cat.# 20HCHEM1**. 100 μ g. \$242

DNA Damage Analysis Kit

Chemiluminescent Quantitative PCR (QPCR) DNA damage analysis kit, **Cat. # DD 1**, \$330

Real-time PCR DNA Quantitation after QPCR DNA damage analysis kit, **Cat. # DD 2**, \$450

QPCR DNA damage analysis including DNA damage repair deficient cells kit **Cat# DD 11**, \$550

QPCR DNA damage analysis including DNA damage repair proficient cells kit **Cat# DD 12**, \$550

Cat# DD 11 and 12 are the same as **Cat. # DD 1** or **Cat. # DD 2**, but human COX-2-expressing DNA damage repair deficient cells or proficient cells are included.

***FastFinder* Storage Boxes** **Organize your Freezer!**

Color-coordinated Spread Sheets & Computer Disc Included

(9 × 9 place dividers enclosed, box size, 5¹/₄" × 5¹/₄" × 2")

1-99 boxes, **Cat. # B02**, \$22.50/5 boxes or \$4.50 per box

Over 100 boxes, **Cat. # B05**, 5% discount (\$4.00 per box) or a free barcode system (scanner not included)

Antibodies for Drug-Metabolizing Enzymes (Rat, Rabbit and/or Human)

Phase I drug-metabolizing enzyme:

Anti-Cytochrome P450 (CYP) 1A:

Monoclonal anti-P450 1A1 (50 μ L) (Cat. # P1A1PT, \$242) (Rat, Mouse, Rabbit and Human)

Sample Size (20 μ L) (Cat. # P1A1PTS, \$121)

HRP-conjugated secondary antibody for anti-CYP1A1 (Cat. # P1A1PT HRP, \$46)

Positive control for anti-CYP 1A1 (Cat. # P1A1PT CON, \$67)

Monoclonal anti-P450 1A1/1A2 (50 μ L) (Cat. # P1A12PT, \$242) (Rat)

Sample Size (20 μ L) (Cat. # P1A12PTS, \$121)

HRP-conjugated secondary antibody for anti-CYP1A (Cat. # P1A12PT HRP, \$46)

Positive control for anti-CYP 1A (Cat. # P1A12PT CON, \$67)

Polyclonal Rabbit anti-P450 1A1/1A2 (50 μ L) (Cat. # P1A, \$242) (Rat, Mouse, Rabbit and Human)

Sample Size (20 μ L) (Cat. # P1AS, \$121)

HRP-conjugated secondary antibody for anti-CYP1A1/1A2 (Cat. # P1A HRP, \$46)

Positive control for anti-CYP1A1/1A2 (Cat. # P1A CON, \$67)

Polyclonal Rabbit anti-P450 1A2 (50 μ L) (Cat. # PH1A2, \$242) (Human)

Sample Size (20 μ L) (Cat. # PH1A2S, \$121)

HRP-conjugated secondary antibody for anti-CYP1A2 (Cat. # PH1A2 HRP, \$46)

Positive control for anti-CYP1A2 (Cat. # PH1A2 CON, \$67)

Anti-Cytochrome P450 (CYP) 1B:

Polyclonal Rabbit anti-P450 1B1 (50 μ L) (Cat. # PH1B1, \$242) (Human)

Sample Size (20 μ L) (Cat. # PH1B1S, \$121)

HRP-conjugated secondary antibody for anti-CYP1B1 (Cat. # PH1B1 HRP, \$46)

Positive control for anti-CYP 1B1 (Cat. # PH1B1 CON, \$67)

Anti-Cytochrome P450 (CYP) 2A:

Polyclonal anti-P450 2A6 (50 μ L) (Cat. # PH2A6, \$242) (Human)

Sample Size (20 μ L) (Cat. # PH2A6S, \$121)

HRP-conjugated secondary antibody for anti-CYP2A6 (Cat. # PH2A6 HRP, \$46)

Positive control for anti-CYP2A6 (Cat. # PH2A6 CON, \$67)

Anti-Cytochrome P450 (CYP) 2B:

Monoclonal anti-P450 2B1 (50 μ L) (Cat. # P2B1PT, \$242) (Rat)

Sample Size (20 μ L) (Cat. # P2B1PTS, \$121)

HRP-conjugated secondary antibody for anti-CYP2B1 (Cat. # P2B1PT HRP, \$46)

Positive control for anti-CYP 2B1 (Cat. # P2B1PT CON, \$67)

Monoclonal anti-P450 2B1 and 2B2 (50 μ L) (Cat. # P2B12PT, \$242) (Rat)

Sample Size (20 μ L) (Cat. # P2B12PTS, \$121)

HRP-conjugated secondary antibody for anti-CYP2B (Cat. # P2B12PT HRP, \$46)

Positive control for anti-CYP 2B (Cat. # P2B12PT CON, \$67)

Anti-Cytochrome P450 (CYP) 2C:

Polyclonal Rabbit anti-P450 2C (50 μ L) (Cat. # P2CR, \$242) (Rat, Mouse, Rabbit and Human)

Sample Size (20 μ L) (Cat. # P2CRS, \$121)

HRP-conjugated secondary antibody for anti-CYP2C (Cat. # P2CR HRP, \$46)

Positive control for anti-CYP 2C (Cat. # P2CR CON, \$67)

Polyclonal Rabbit anti-P450 2C8/2C9/2C10 (50 μ L) (Cat. # P2C, \$242) (*Human*)

Sample Size (20 μ L) (Cat. # P2CS, \$121)

HRP-conjugated secondary antibody for anti-CYP 2C9/2C10 (Cat. # P2C HRP, \$46)

Positive control for anti-CYP 2C9/2C10 (Cat. # P2C CON, \$67)

Monoclonal Anti-P450 2C11 (50 μ L) (Cat. # P2C11PT, \$242) (*Rat*)

Sample Size (20 μ L) (Cat. # P2C11PTS, \$121)

HRP-conjugated secondary antibody for anti-CYP2C11 (Cat. # P2C11PT HRP, \$46)

Positive control for anti-CYP 2C11 (Cat. # P2C11PT CON, \$67)

Anti-Cytochrome P450 (CYP) 2D:

Polyclonal Rabbit anti-P450 2D (50 μ L) (Cat. # P2D, \$242) (*Rat, Mouse and Rabbit*)

Sample Size (20 μ L) (Cat. # P2DS, \$121)

HRP-conjugated secondary antibody for anti-CYP2D (Cat. # P2D HRP, \$46)

Positive control for anti-CYP 2D (Cat. # P2D CON, \$67)

Polyclonal Rabbit anti-P450 2D6 (50 μ L) (Cat. # P2D6, \$242) (*Human*)

Sample Size (20 μ L) (Cat. # P2D6S, \$121)

HRP-conjugated secondary antibody for anti-CYP2D6 (Cat. # P2D6 HRP, \$46)

Positive control for anti-CYP 2D6 (Cat. # P2D6 CON, \$67)

Anti-Cytochrome P450 (CYP) 2E:

Polyclonal Rabbit anti-P450 2E1 (50 μ L) (Cat. # P2E1PT, \$242) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # P2E1PTS, \$121)

HRP-conjugated secondary antibody for anti-CYP2E1 (Cat. # P2E1PT HRP, \$46)

Positive control for anti-CYP 2E1 (Cat. # P2E1PT CON, \$67)

Anti-Cytochrome P450 (CYP) 3A:

Polyclonal Rabbit anti-P450 3A (50 μ L) (Cat. # P3A, \$242) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # P3AS, \$121)

HRP-conjugated secondary antibody for anti-CYP3A (Cat. # P3A HRP, \$46)

Positive control for anti-CYP 3A (Cat. # P3AR CON, \$67)

Monoclonal anti-P450 3A2 (50 μ L) (Cat. # P3A2PT, \$242) (*Rat*)

Sample Size (20 μ L) (Cat. # P3A2PTS, \$121)

HRP-conjugated secondary antibody for anti-CYP3A2 (Cat. # P3A2PT HRP, \$46)

Positive control for anti-CYP 3A2 (Cat. # P3A2PT CON, \$67)

Polyclonal Rabbit anti-P450 3A23 (50 μ L) (Cat. # P3A23R, \$242) (*Rat*)

Sample Size (20 μ L) (Cat. # P3A23RS, \$121)

HRP-conjugated secondary antibody for anti-CYP3A23 (Cat. # P3A23R HRP, \$46)

Positive control for anti-CYP 3A23 (Cat. # P3A23R CON, \$67)

Anti-Cytochrome b₅:

Polyclonal anti-Cytochrome b₅ (50 μ L) (Cat. # Cb5, \$242) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # Cb5S, \$121)

HRP-conjugated secondary antibody for anti-CYP b₅ (Cat. # Cb5 HRP, \$46)

Positive control for anti-CYP b₅ (Cat. # Cb5 CON, \$67)

Phase II drug-metabolizing enzyme:

Anti-Microsomal epoxide hydrolase (mEH):

Polyclonal Goat anti-mEH (50 μ L) (Cat. # MEH 1, \$242) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # MEH1S, \$121)

HRP-conjugated secondary antibody for anti-MEH (Cat. # MEH HRP, \$46)

Positive control for anti-MEH (Cat. # MEH CON, \$67)

Anti-Soluble epoxide hydrolase (sEH):

Polyclonal Rabbit anti-sEH (50 μ L) (Cat. # SEH 1, \$242) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # SEH1S, \$121)

HRP-conjugated secondary antibody for anti-MEH (Cat. # SEH HRP, \$46)

Positive control for anti-MEH (Cat. # SEH CON, \$67)

Anti-Glutathione S-transferase (GST):

Polyclonal Goat anti-GST α -form (50 μ L) (Cat. # GST ANTI 1, \$242) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # GST ANTI 1S, \$121)

HRP-conjugate secondary antibody for anti-GST α -form (Cat. # GST HRP, \$46)

Polyclonal Goat anti-GST μ -form (50 μ L) (Cat. # GST ANTI 2, \$242) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # GST ANTI 2S, \$121)

HRP-conjugate secondary antibody for anti-GST α -form (Cat. # GST HRP, \$46)

Polyclonal Goat anti-GST π -form (50 μ L) (Cat. # GST ANTI 3, \$242) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # GST ANTI 3S, \$121)

HRP-conjugate secondary antibody for anti-GST α -form (Cat. # GST HRP, \$46)

Other drug-metabolizing enzyme:

Carboxylesterase (CE):

Polyclonal goat Anti-CE (50 μ L) Cat. # CE ANTI 1, \$242 (*Mouse, Rat, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # CE ANTI 1S, \$121)

HRP-conjugated secondary antibody for anti-CE, Cat. # CE HRP, \$46

Positive control for anti-CE, Cat. # CER CON, \$67

Polyclonal GDF-15 / NAG-1/ MIC1 Antibody

Polyclonal Goat anti-Human GDF-15 (50 μ L) (Cat. # GDF15, \$242) (*Human*)

Sample Size (20 μ L) (Cat. # GDF15S, \$121)

HRP-conjugated secondary antibody for anti-GDF-15 (Cat. # GDF15 HRP, \$46)

Positive control for anti-GDF-15 (Cat. # GDF15 CON, \$67)

Prostaglandin H synthase (PGHS, also called as cyclooxygenase, COX):

Western blot standard for human PGHS-1 (COX-1), **Cat. # PG CON 1**, \$67

Western blot standard for human PGHS-2 (COX-2), **Cat. # PG CON 2**, \$67

Human PGHS-1 (COX-1) cDNA probe, **Cat. # PG DNA 1**, \$55

Human PGHS-2 (COX-2) cDNA probe, **Cat. # PG DNA 2**, \$55

Human PGHS-1 (COX-1) oligonucleotide probe, **Cat. # PG OLIGO 1**, \$50

Human PGHS-2 (COX-2) oligonucleotide probe, **Cat. # PG OLIGO 2**, \$50

Rat PGHS-1 (COX-1) oligonucleotide probe, **Cat. # PG OLIGO 1**, \$55

Rat PGHS-2 (COX-2) oligonucleotide probe, **Cat. # PG OLIGO 2**, \$55

Human PGHS-1 (COX-1) PCR Primers, **Cat. # PG PCR 1**, \$100

Human PGHS-2 (COX-2) PCR Primers, **Cat. # PG PCR 2**, \$100

Human DNA damage repair-deficient cell line (XPA) expressing human PGHS-2 (COX-2),
Cat. # PG CELL 1, *Inquire!*

Human DNA damage repair- proficient cell line expressing human PGHS-2 (COX-2),
Cat. # PG CELL 2, *Inquire!*



GloBrite Chemiluminescent Reagent Kit for Western Blotting

Cat # GLB1 200 mL size \$99.00

Cat # GLB2 500 mL size \$209.00

Efficiency Box Western Blot Secondary Antibodies

Cat # EB1 (81 vials) \$107

- 1. Anti-Mouse IgG Conjugated to HRP**
27 vials containing 5 µL
- 2. Anti-Rabbit IgG Conjugated to HRP**
27 vials containing 5 µL
- 3. Anti-Goat IgG Conjugated to HRP**
27 vials containing 5 µL

Refills available:

EB2 27 vials anti-mouse IgG-HRP \$40

EB3 27 vials anti-rabbit IgG-HRP \$40

EB4 27 vials anti-goat IgG-HRP \$40