

STRESS SHIELD

The novel, patented AshWITHTM

Breakthrough Ashwagandha formulation with increased activity from elevated actives.

Stress-reducing cognition and performance technology.

A 30:1 ratio extract with 12% withanolides concentration!



ASHWITHTM BENEFITS:

- ✓ Helps reduce stress and anxiety
- ✓ Helps enhance memory and cognition
- ✓ Helps support healthy weight management
- ✓ Helps promote muscle strength, size and recovery
- ✓ Helps promote sexual function in men and women
- ✓ Helps maintain healthy testosterone in men
- ✓ Helps enhance cardiorespiratory endurance
- ✓ Helps maintain normal thyroid

STRESS SHIELD

Each capsule contains:

ASHWITHTM Ashwagandha (root) 30:1 standardized extract (*Withania somnifera*) [12% withanolides]: 200mg

(Equivalent to 6,000 mg total dried ashwagandha)

Size: 60 Caps | 200mg **Dosage:** Adults (18 years and older): 1 capsule per day

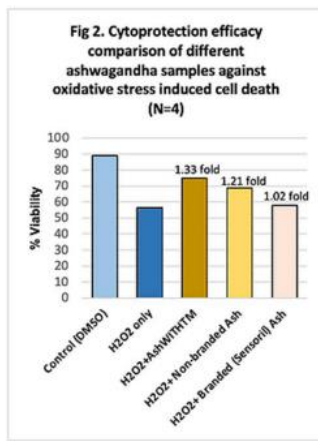
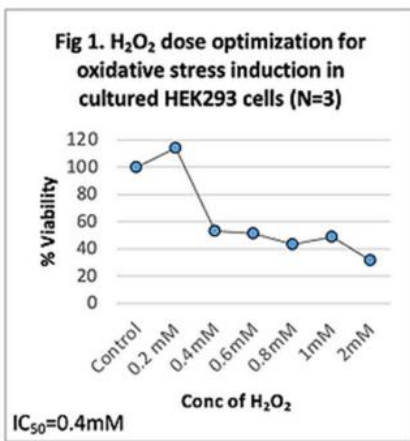
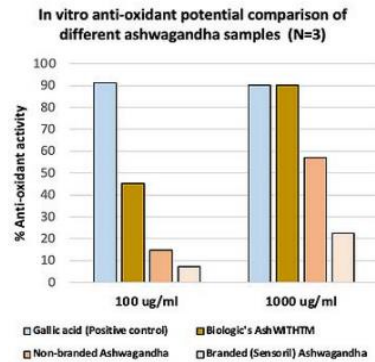
NPN 80120816 Made in Canada with **ASHWITHTM** technology.



RESEARCH:

1. IN VITRO ANTIOXIDANT ACTIVITY ASSAY

ASHWITH™ ashwagandha showed significantly higher antioxidant activity when compared to non-branded and branded (Sensoril) ashwagandha extract.

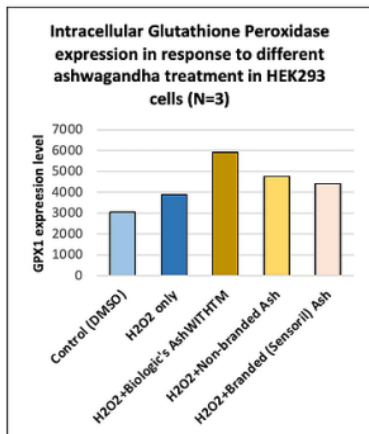
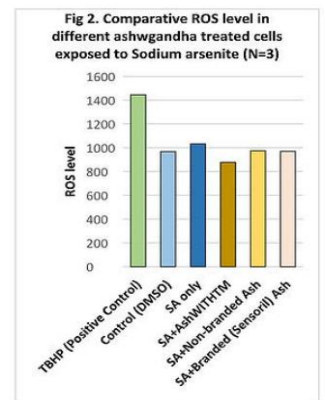
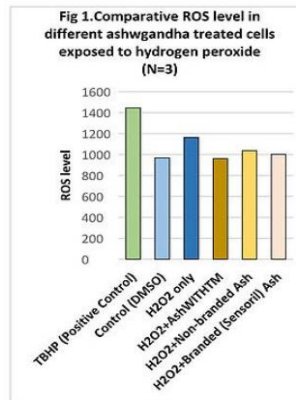


2. CELL VIABILITY ASSAY

ASHWITH™ ashwagandha co-treated cells showed better cytoprotection efficacy (1.33 fold) in comparison to non-branded (1.21 fold) and branded (Sensoril) (1.02 fold) ashwagandha co-treated cells (Fig. 2).

3. REACTIVE OXYGEN SPECIES (ROS) LEVEL MEASUREMENT

ASHWITH™ ashwagandha co-treated cells showed higher potential to reduce intracellular ROS level caused by both H₂O₂ (Fig. 1) and SA (Fig. 2) as compared to non-branded and branded (Sensoril) ashwagandha co-treated cells.



4. EXPRESSION OF INTRACELLULAR ANTIOXIDANT ENZYME GLUTATHIONE PEROXIDASE

Ashwagandha co-treated cells showed up-regulation in GPX1 expression as compared to H₂O₂ only group with highest GPX1 expression observed in ASHWITH™ co-treated cells when compared to non-branded and branded (Sensoril) ashwagandha co-treated cells. An increase in GPX1 enzyme expression was possibly due to cellular recovery by increasing resistance to oxidative stress.