

Supplementary Table 1: Drugs used for specificity evaluation

Category	No.	Medicine name	production enterprise	Main Ingredients		
				Name	Content (Per tablet or Capsule)	Concentration (Diluted in 1 ml of normal saline)
Western medicine	1	Cefalexin Capsules	Guangdong Sancaishiqi Pharmaceutical Co., Ltd.	Cephalexin	125 mg	125 mg mL ⁻¹
	2	Dextromethorphan Hydrobromide Tablets	Guangdong Baiyunshan Guanghua Pharmaceutical Co., Ltd.	dextromethorphan hydrobromide	15 mg	15 mg mL ⁻¹
	3	Gentamycin Sulfate Procaine Hydrochloride Capsules	Hainan Tianhuang Pharmaceutical Co., Ltd.	gentamycin sulfate	10000 Unit	10000 Unit mL ⁻¹
				procaine hydrochloride	50 mg	50 mg mL ⁻¹
				vitamin B12	0.01 mg	10 µg mL ⁻¹
	4	Amoxicillin Capsules	Shijiazhuang Zhongnuo Pharmaceutical Co., Ltd.	amoxicillin	250 mg	250 mg mL ⁻¹
	5	Roxithromycin Capsules	Hayaojituan Sanjingzhiyao Nuojie Pharmaceutical Co., Ltd.	roxithromycin	75 mg	75 mg mL ⁻¹
	6	Norfloxacin Capsules	Shiyaojituan Ouyi Pharmaceutical Co., Ltd.	norfloxacin	100 mg	100 mg mL ⁻¹
	7	Promethazine Hydrochloride Tablets	Changzhou Kangpu Pharmaceutical Co., Ltd.	promethazine hydrochloride	12.5 mg	12.5 mg mL ⁻¹
	8	Compound Methoxyphenamine Capsules	Shanghai Diysisangong Pharmaceutical Co., Ltd.	methoxyphenamine hydrochloride	12.5 mg	12.5 mg mL ⁻¹
				narcotine	7 mg	7 mg mL ⁻¹
				aminophylline	25 mg	25 mg mL ⁻¹
				chlorphenamine maleate	2 mg	2 mg mL ⁻¹
	9	Ranitidine Hydrochloride Capsules	Jiangxi Huiren Pharmaceutical Co., Ltd.	ranitidine	150mg	150 mg mL ⁻¹
	10	Asipilin Enteric-coated Tablets	Shenwei Pharmaceutical Co., Ltd.	asipilin	25 mg	25 mg mL ⁻¹

Supplementary Table 1: Drugs used for specificity evaluation (*Cont*)

Category	No.	Medicine name	production enterprise	Main Ingredients		
				Name	Content (Per tablet or Capsule)	Concentration (Diluted in 1 ml of normal saline)
Western medicine	11	Ibuprofen Sustained-release Capsules	The United States and China Tianjin GlaxoSmithKline Pharmaceutical Co., Ltd.	ibuprofen	300 mg	300 mg mL ⁻¹
	12	Chlorpromazine Hydrochloride Tablets	Shanghai Xinyi Pharmaceutical Co., Ltd.	chlorpromazine hydrochloride	25mg	25 mg mL ⁻¹
	13	Compound Aminopyrine Phenacetin Tablets	Tianjin Lisheng Pharmaceutical Co., Ltd.	aminopyrine	150 mg	150 mg mL ⁻¹
				phenacetin	150 mg	150 mg mL ⁻¹
				caffeine	50 mg	50 mg mL ⁻¹
				phenobarbitone	15 mg	15 mg mL ⁻¹
	14	Naloxone Hydrochloride Sublingual Tablets	Beijing Huasu Pharmaceutical Co., Ltd.	naloxone hydrochloride	0.4 mg	0.4 mg mL ⁻¹
	15	Phenobaribital and Scopolamine Hydrobromide Tablets	Guangzhou Baiyunshan Pharmaceutical Co., Ltd.	phenobarbital	30 mg	30 mg mL ⁻¹
				scopolamine hydrobromide	0.2 mg	0.2 mg mL ⁻¹
	16	Compound Paracetamol and Amantadine Hydrochloride Capsules	Jiangxi Tonggu Renhe Pharmaceutical Co., Ltd.	paracetamol	250 mg	250 mg mL ⁻¹
				amantadine hydrochloride	100 mg	100 mg mL ⁻¹
				chlorphenamine maleate	2 mg	2 mg mL ⁻¹
				calculus bovis factitius	10 mg	10 mg mL ⁻¹
				caffeine	15 mg	15 mg mL ⁻¹
	17	Compound Paracetamol and Phenylephrine Tablets	Xingfu Pharmaceutical Co., Ltd.	paracetamol	250 mg	250 mg mL ⁻¹
				anhydrous caffeine	30 mg	30 mg mL ⁻¹
				phenylephrine hydrochloride	5 mg	5 mg mL ⁻¹
				chlorphenamine maleate	2 mg	2 mg mL ⁻¹

Supplementary Table 1: Drugs used for specificity evaluation (Cont)

Category	No.	Medicine name	production enterprise	Main Ingredients		
				Name	Content (Per tablet or Capsule)	Concentration (Diluted in 1 ml of normal saline)
Chinese patent drug	18	Biyankang Tablet	Foshan Dezhong Pharmaceutical Co., Ltd.	Cablin Potchouli Herb (<i>Herba Pogostemonis</i>); Siberian Cocklour Fruit (<i>Fructus Xanthii</i>); Small Centipeda Herb (<i>Herba Centipeda</i>); Ephedra Herb (<i>Herba Ephedra</i>); Wild Chrysanthemum (<i>Flos Chrysanthemi Indici</i>); Chinese Angelica (<i>Radix Angelicae Sinensis</i>); Baical Skullcap Root (<i>Radix Scutellariae</i>); Pulvis Fellis Suis; Peppermint Oil (<i>Herba Menthae</i>); Chlorphenamine Maleate	Undisclosed	Per tablet mL ⁻¹
	19	Yanyan Tablet	Huarun Sanjiu (Huangshi) Pharmaceutical Co., Ltd.	Figwort Root (<i>Radix Scrophulariae</i>); Cochinchinese Asparagus Root (<i>Radix Asparagi</i>); Tree Peony Bark (<i>Cortex Moutan</i>); Dwarf Lilyturf Tuber (<i>Radix Ophiopogonis</i>); Common Coltsfoot Flower (<i>Flos Farfarae</i>); Indian Trum etflower Seed (<i>Seen Oroxyli</i>); Rehmannia Root (<i>Radix Rehmanniae</i>); Indigowoad Root (<i>Radix Isatidis</i>); Chinese White Olive (<i>Fructus Canarii</i>); Cicada Slough; Peppermint Oil (<i>Herba Menthae</i>);	Undisclosed	Per tablet mL ⁻¹
	20	Shuanghuanglian Oral liquid	Hainan Tailong Pharmaceutical Co., Ltd.	Honeysuckle Flower (<i>Flos Lonicerae</i>); Baical Skullcap Root (<i>Radix Scutellariae</i>); Weeping Forsythiae Capsule (<i>Fructus Forsythiae</i>);	Undisclosed (Liquor)	Undiluted
	21	Compound Huangiansu Tablet	Chengdu Senke Pharmaceutical Co., Ltd.	Costustoot (<i>Radix Aucklandiae</i>); Medcinal Evodia Fruit (<i>Fructus Evodiae</i>); White Paeony Root (<i>Radix Paeoniae Alba</i>); Berberine Hydrochloride;	Undisclosed	Per tablet mL ⁻¹

Supplementary Table 1: Drugs used for specificity evaluation (Cont)

Category	No.	Medicine name	production enterprise	Main Ingredients		
				Name	Content (Per tablet or Capsule)	Concentration (Diluted in 1 ml of normal saline)
Chinese patent drug	22	Santanning Syrup	Guangxi Medical University Pharmaceutical factory	Platycodon Root (<i>Radix Platycodi</i>); Thinleaf Milkwort Root-bark (<i>Cortex et Radix Polygalae</i>); White Mulberry Root-bark (<i>Cortex Mori</i>); Ephedrin Hydrochloride; Peppermint Oil (<i>Herba Menthae</i>);	Undisclosed (Liquor)	Undiluted
	23	Xiaozhong Zhitong Tincture	Guangxi Zhuangzu municipality Huahong Pharmaceutical Co., Ltd.	Costustoot (<i>Radix Aucklandiae</i>); Divaricate Saposhnikovia Root (<i>Radix Saposhnikoviae</i>); Fineleaf Schizonepeta Herb (<i>Herba Schizonepetae</i>); Manchurian Wildginger (<i>Herba Asari</i>); Slenderstyle Acanthopanax Bark (<i>Cortex Acanthopanax</i>); Cassia Twig (<i>Ramulus Cinnamomi</i>); Twotooth Achyranthes Root (<i>Radix Achyranthis bidentatae</i>); Szechuan Lovage Rhizome (<i>Rhizoma Chuanxiong</i>) ; Panicle Swallowwort Root (<i>Radix Cynanchi Paniculati</i>); Dahurian Angelica Root (<i>Radix Angelicae Dahuricae</i>); Zedoary (<i>Rhizoma Curcumae</i>); Ichnocarpus oliganthous (<i>Cortex Parabarii</i>); <i>Ardisia hanceana</i> Mez (<i>Ardisia quinquegona</i> Bl.); Punctate Ardisia Herb (<i>Ardisia Lindleyana</i>); Shinyleaf Pricklyash Root (<i>Radix Zanthoxyli</i>); Common Fibraurea Stem (<i>Caulis Fibraureae</i>); Cape Jasmine (<i>Fruit Fructus Gardeniae</i>); Common Burreed Rhizome (<i>Rhizoma Sparganii</i>); Chinese Eaglewood (<i>Lignum Aquilariae Resinatum</i>); Camphor (<i>Camphora</i>); Peppermint (<i>Herba Menthae</i>);	Undisclosed	Undiluted
	24	Camphor and Chloral Hydrate Tincture	Sinopharm Sanyi (Wuhu) Pharmaceutical Co., Ltd.	Camphor (<i>Camphora</i>)	150 mg	150 mg mL ⁻¹
				chloralic hydras	100 mg	100 mg mL ⁻¹
				Flos Caryophyllata Oil (<i>Flos Syzygii Aromatici</i>)	0.007 ml	0.0007ml

Supplementary Table 1: Drugs used for specificity evaluation (Cont)

Category	No.	Medicine name	production enterprise	Main Ingredients		
				Name	Content (Per tablet or Capsule)	Concentration (Diluted in 1 ml of normal saline)
Chinese patent drug	25	Lianhua Qingwen Capsule	Shijiazhuang Yiling pharmaceutical Co. Ltd.	Weeping Forsythiae Capsule (<i>Fructus Forsythiae</i>); Honeysuckle Flower (<i>Flos Lonicerae</i>) ; Ephedra Herb (<i>Herba Ephedrae</i>); Bitter Apricot Seed (<i>Semen Armeniacae Amarum</i>); Gypsum (<i>Gypsum Fibrosum</i>); Indigowoad Root (<i>Radix Isatidis</i>); Male Fern Rhizome (<i>Rhizoma Dryopteridis</i>); Heartleaf Houttuynia Herb (<i>Herba Houttuyniae</i>); Cablin Potchouli Herb (<i>Herba</i> <i>Pogostemonis</i>); Rhubarb (<i>Radix et Rhizoma Rhei</i>); Rhodiola Rosea L. (<i>Herba Rhodiolae</i>); Peppermint (<i>Herba Menthae</i>); Liquoric Root (<i>Radix Glycyrrhizae</i>);	Undisclosed	Per capsule mL ⁻¹
Standard Substance	26	ketamine	Physical evidence identification center, Ministry of Public Security, China.	ketamine	10µg	10 µg mL ⁻¹
	27	tetrahydrocannabinol		tetrahydrocannabinol	10µg	10µg mL ⁻¹
	28	morphine or methamphetamine		morphine or methamphetamine	10µg	10µg mL ⁻¹